

→ TSI-201/RM-1

---- TSI-202/RM-1

→ TSI 203/RM-1

-X- TSI 204/RM-1.23

Location

River Mile 1 to River Mile 2

Note:

Each metal in the radar plot is represented on its own axis, which radiates from the center point of the graph. Metal concentrations are plotted as a unitless mass fraction [concentration of the metal (ug/kg)/ total concentration (ug/kg)]. For clarity, a logarithmic scale is used. Lines connect all the values from a given sample.

Data Source: Tierra Solutions, Inc. 1995 Dataset. Results are from surface sediment samples(0 to 0.5 foot)

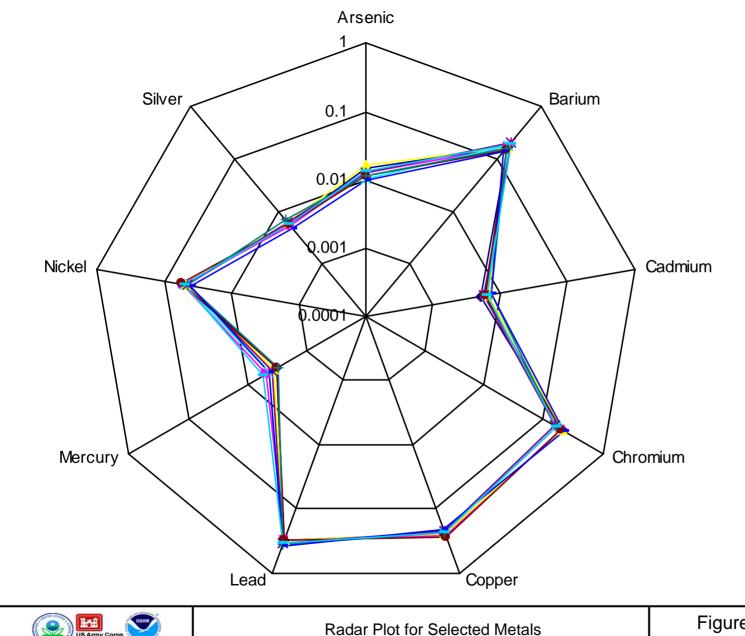


Radar Plot for Selected Metals River Mile 1 to River Mile 2

Lower Passaic River Restoration Project

Figure 15-1a





→ TSI 295 / RM 2

TSI 282 / RM 2.2

→ TSI 283 / RM 2.2 → TSI 222 / RM 2.65

* TSI 223 / RM 2.65

- 131223 / NW 2.03

TSI 284 / RM 2.7

TSI 225 / RM 2.87

TSI 227 / RM 2.87

TSI 226 / RM 2.88

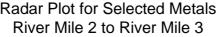
Location

River Mile 2 to River Mile 3

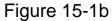
Note:

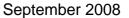
Each metal in the radar plot is represented on its own axis, which radiates from the center point of the graph. Metal concentrations are plotted as a unitless mass fraction [concentration of the metal (ug/kg)/ total concentration (ug/kg)]. For clarity, a logarithmic scale is used. Lines connect all the values from a given sample.

Data Source: Tierra Solutions, Inc. 1995 Dataset. Results are from surface sediment samples(0 to 0.5 foot)

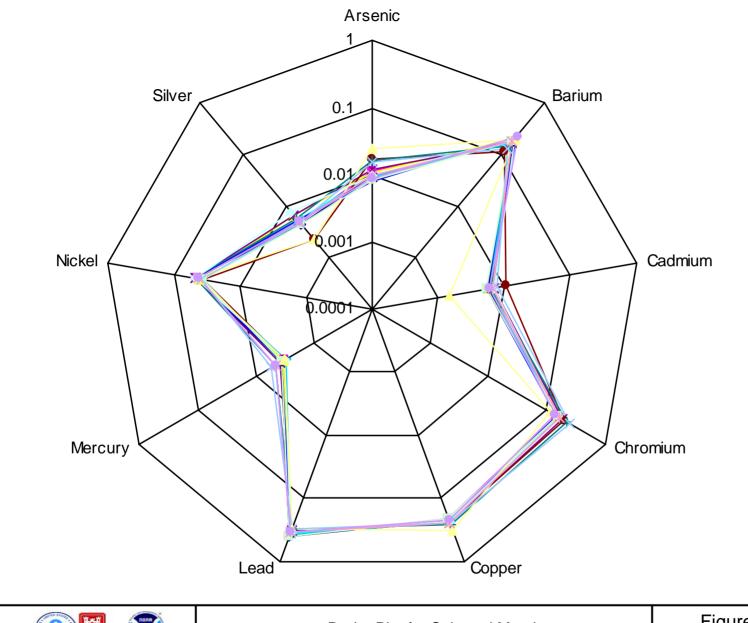


Lower Passaic River Restoration Project









---- TSI 228 / RM 3.1

-X- TSI 230 / RM 3.1
-X- TSI 286 / RM 3.1

- TOLOGA / DNAGA

TSI 294 / RM 3.15

TSI 285 / RM 3.2

→ TSI 231 / RM 3.33

TSI 232 / RM 3.33

TSI 234 / RM 3.55

TSI 235 / RM 3.55

TSI 236 / RM 3.55

TSI 288 / RM 3.66

TSI 237 / RM 3.78
TSI 238 / RM 3.78

Location

River Mile 3 to River Mile 4

Note

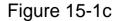
Each metal in the radar plot is represented on its own axis, which radiates from the center point of the graph. Metal concentrations are plotted as a unitless mass fraction [concentration of the metal (ug/kg)]. For clarity, a logarithmic scale is used. Lines connect all the values from a given sample.

Data Source: Tierra Solutions, Inc. 1995 Dataset. Results are from surface sediment samples(0 to 0.5 foot)

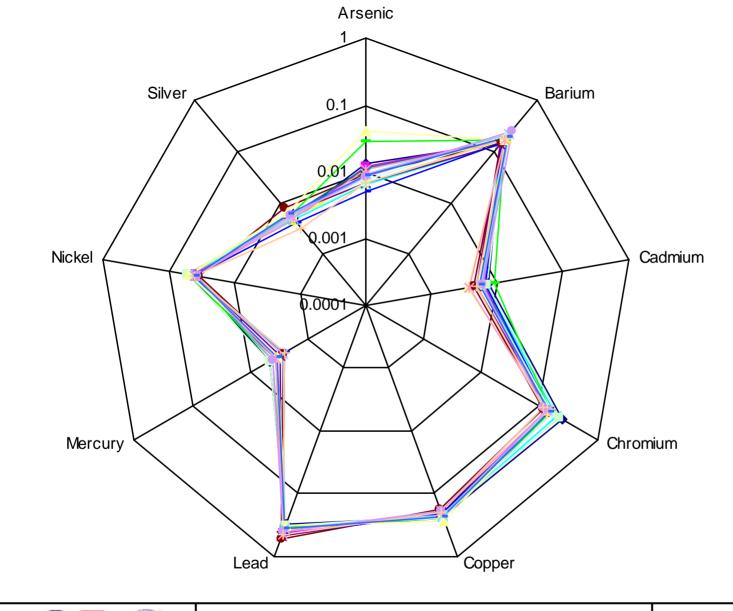


Radar Plot for Selected Metals River Mile 3 to River Mile 4

Lower Passaic River Restoration Project







- → TSI 240 / RM 4.01
- TSI 241 / RM 4.01
- -X- TSI 289 / RM 4.19
- —** TSI 243 / RM 4.24
- --- TSI 244 / RM 4.24
- ----- TSI 245 / RM 4.24
- TSI 290 / RM 4.25
- ____ TSI 291 / RM 4.32
- -----
- TSI 292 / RM 4.39

TSI 292 dup / RM 4.39

- TSI 246 / RM 4.47
- X TSI 248 / RM 4.47
- / 101240 / 14VI 4.41
- * TSI 249 / RM 4.69
- TSI 251 / RM 4.7
- +-- TSI 254 / RM 4.91
- --- TSI 253 / RM 4.92

Location

River Mile 4 to River Mile 5

Note

Each metal in the radar plot is represented on its own axis, which radiates from the center point of the graph. Metal concentrations are plotted as a unitless mass fraction [concentration of the metal (ug/kg)/ total concentration (ug/kg)]. For clarity, a logarithmic scale is used. Lines connect all the values from a given sample.

Data Source: Tierra Solutions, Inc. 1995 Dataset. Results are from surface sediment samples(0 to 0.5 foot)

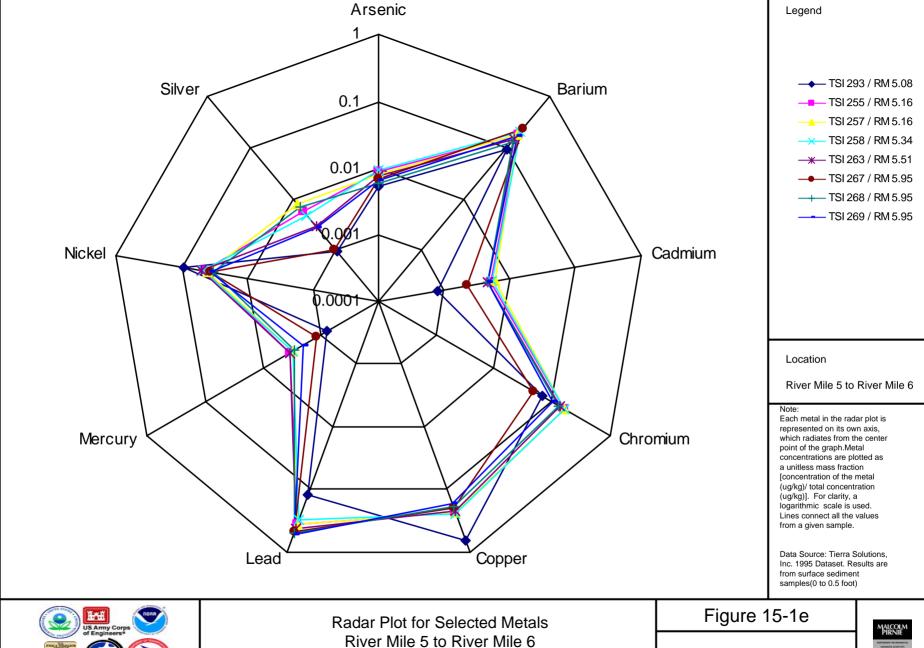


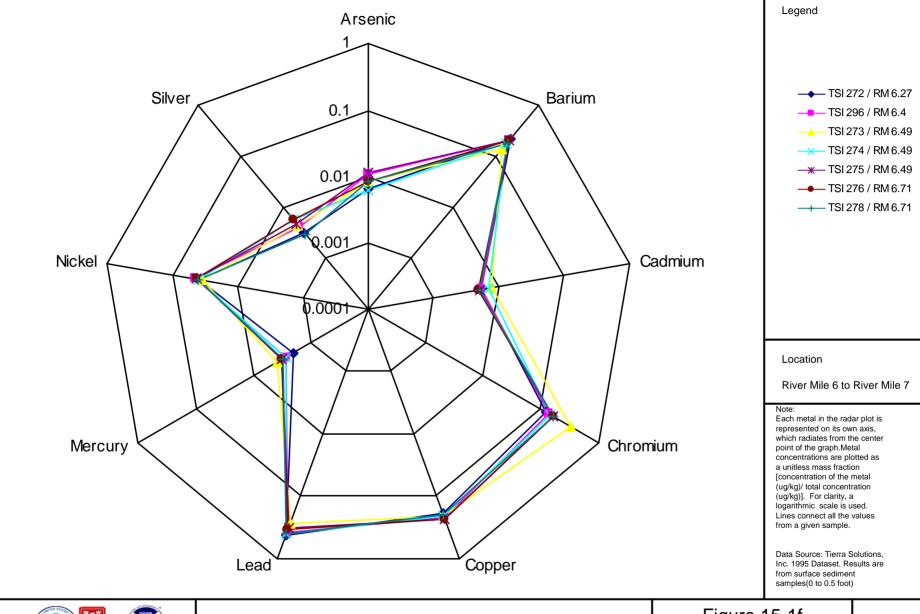
Radar Plot for Selected Metals River Mile 4 to River Mile 5

Lower Passaic River Restoration Project

Figure 15-1d



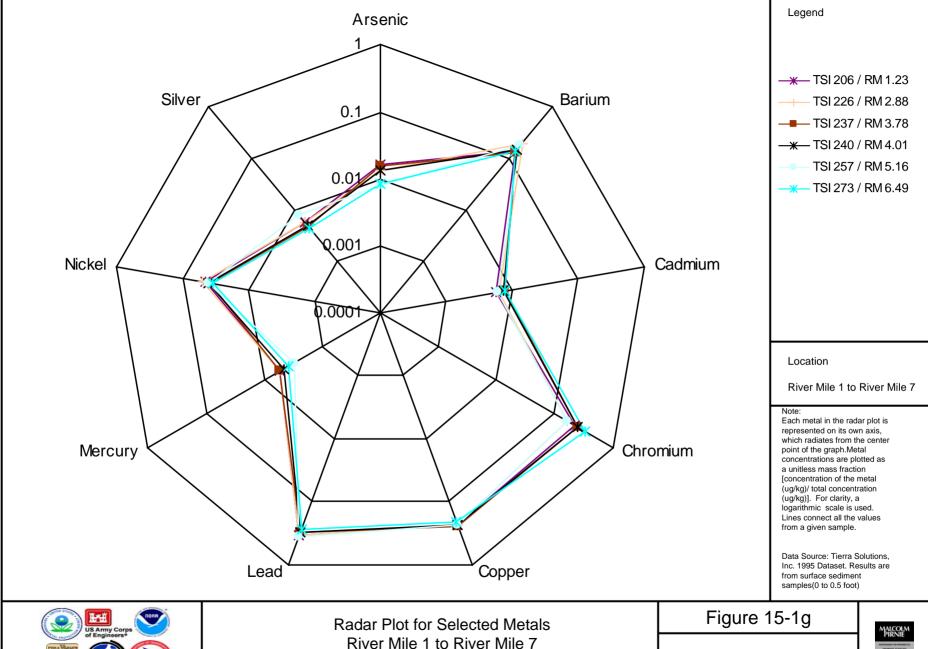


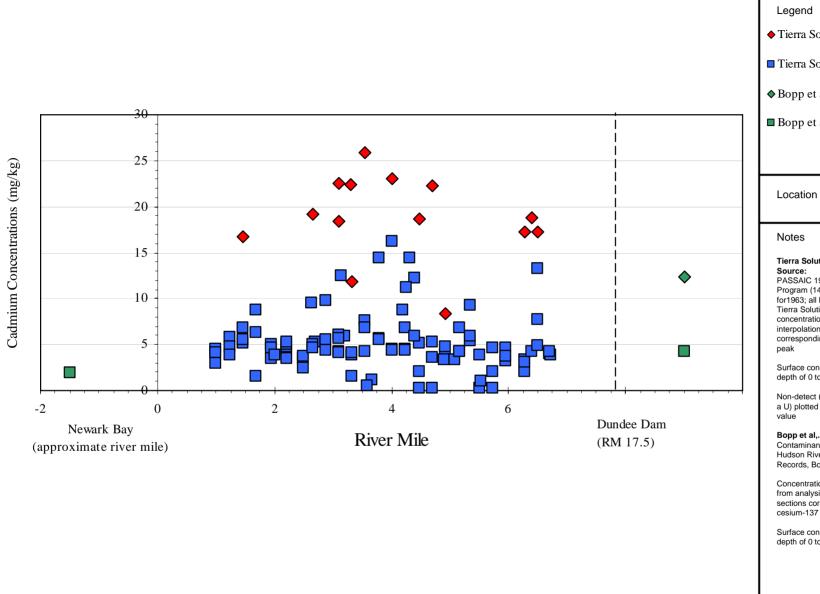




Radar Plot for Selected Metals River Mile 6 to River Mile 7 Lower Passaic River Restoration Project Figure 15-1f







- ♦ Tierra Solutions, Inc. (1963)
- Tierra Solutions, Inc. (1995)
- ♦ Bopp et al., 2006 (1963)
- Bopp et al., 2006 (1986-1995)

Tierra Solutions Inc. Data

PASSAIC 1995 RI Sampling Program (14 of the 95 locations for 1963; all locations for 1995), Tierra Solutions, Inc. 1963 concentrations were calculated via interpolation at the depth corresponding to the cesium-137 peak

Surface concentrations are from a depth of 0 to <1 foot

Non-detect (lab qualifier containing a U) plotted as half the reported value

Bopp et al., 2006 Data Source: Contaminant Chronologies from Hudson River Sedimentary Records, Bopp et al.

Concentration at 1963 obtained from analysis of discrete core sections corresponding to the cesium-137 peak.

Surface concentrations are from a depth of 0 to <1 foot

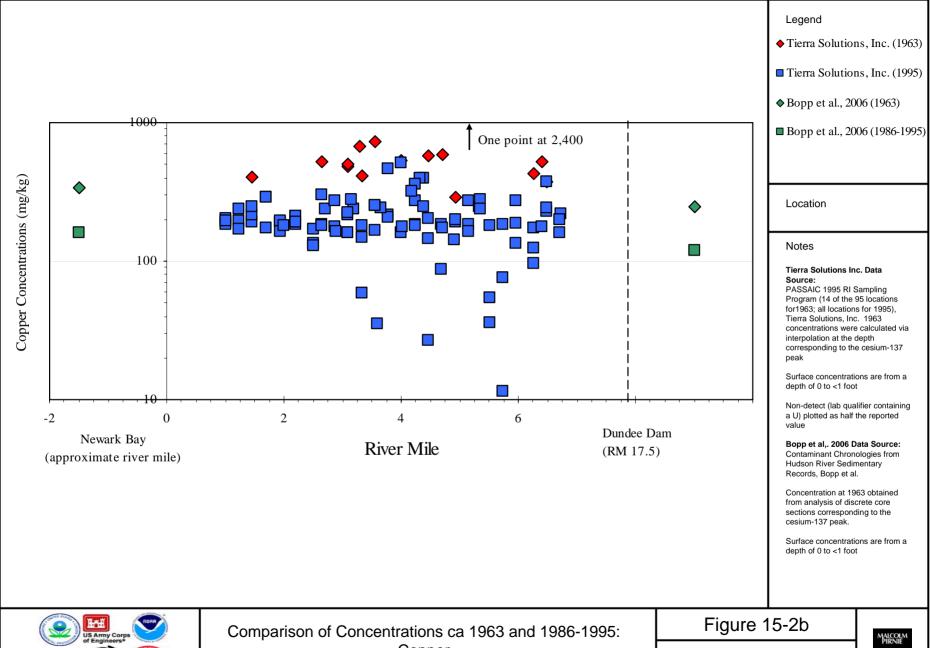


Comparison of Concentrations ca 1963 and 1986-1995: Cadmium

Lower Passaic River Restoration Project

Figure 15-2a



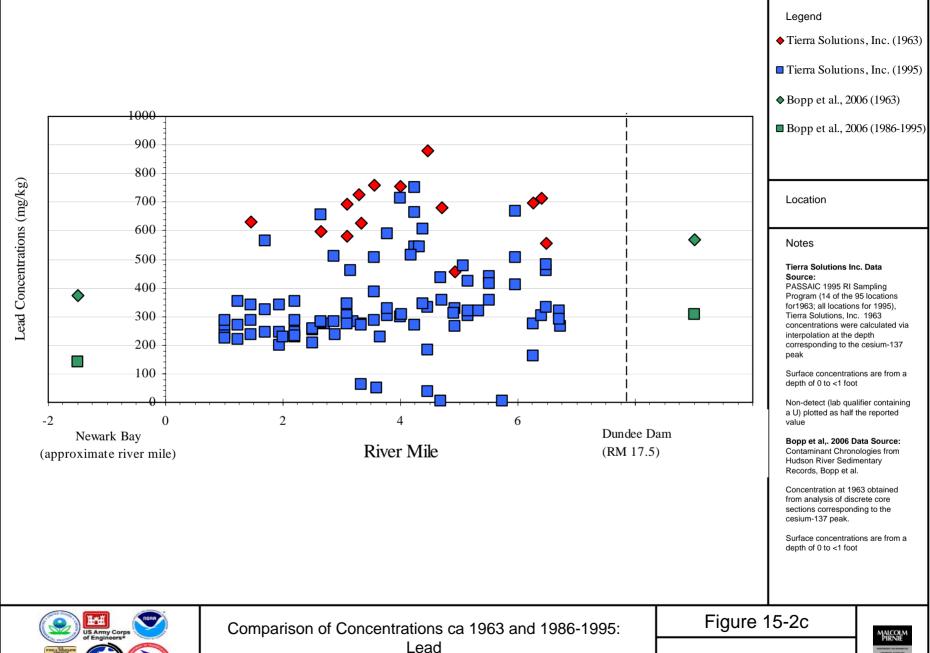


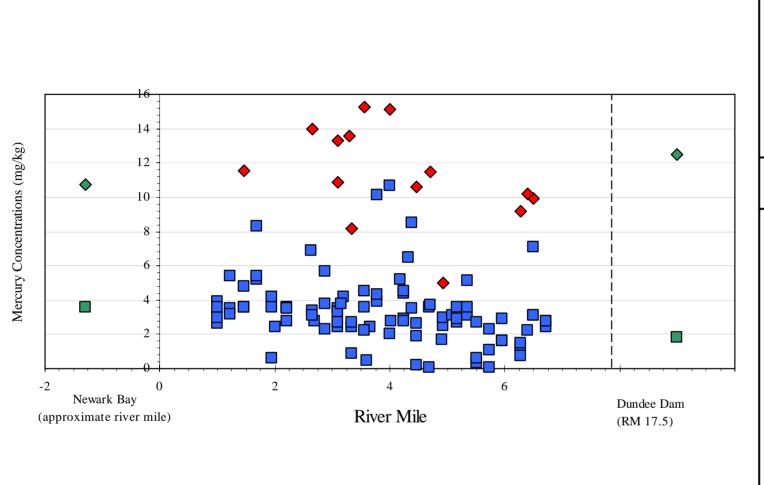


Copper

Lower Passaic River Restoration Project







- ♦ Tierra Solutions, Inc. (1963)
- Tierra Solutions, Inc. (1995)
- ♦ Bopp et al., 2006 (1963)
- Bopp et al., 2006 (1986-1995)

Location

Notes

Tierra Solutions Inc. Data Source:

PASSAIC 1995 RI Sampling Program (14 of the 95 locations for1963; all locations for 1995), Tierra Solutions, Inc. 1963 concentrations were calculated via interpolation at the depth corresponding to the cesium-137 peak

Surface concentrations are from a depth of 0 to <1 foot

Non-detect (lab qualifier containing a U) plotted as half the reported value

Bopp et al., 2006 Data Source: Contaminant Chronologies from Hudson River Sedimentary Records, Bopp et al.

Concentration at 1963 obtained from analysis of discrete core sections corresponding to the cesium-137 peak.

Surface concentrations are from a depth of 0 to <1 foot

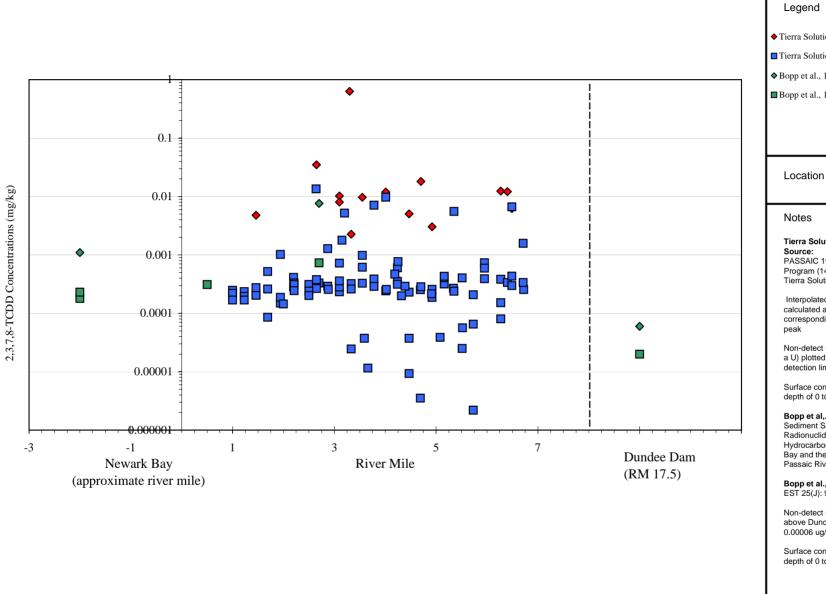


Comparison of Concentrations ca 1963 and 1986-1995: Mercury

Lower Passaic River Restoration Project

Figure 15-2d







- ◆ Tierra Solutions, Inc. (1963)
- Tierra Solutions, Inc. (1995)
- ♦ Bopp et al., 1991a, 1991b (1963)
- Bopp et al., 1991a, 1991b (1985-1986)

Tierra Solutions Inc. Data

PASSAIC 1995 RI Sampling Program (14 of the 95 locations), Tierra Solutions, Inc.

Interpolated concentrations calculated at the depth corresponding to the cesium-137

Non-detect (lab qualifier containing a U) plotted as half the reported detection limit

Surface concentrations are from a depth of 0 to <1 foot

Bopp et al., 1991a Data Source:

Sediment Sampling and Radionuclide and Chlorinated Hydrocarbon Analysis in Newark Bay and the Hackensack and Passaic Rivers, Bopp et al.

Bopp et al., 1991b Data Source: EST 25(J): 951 - 956.

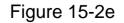
Non-detect (reported as 60 ng/kg) above Dundee Dam plotted as 0.00006 ug/kg

Surface concentrations are from a depth of 0 to <1 foot

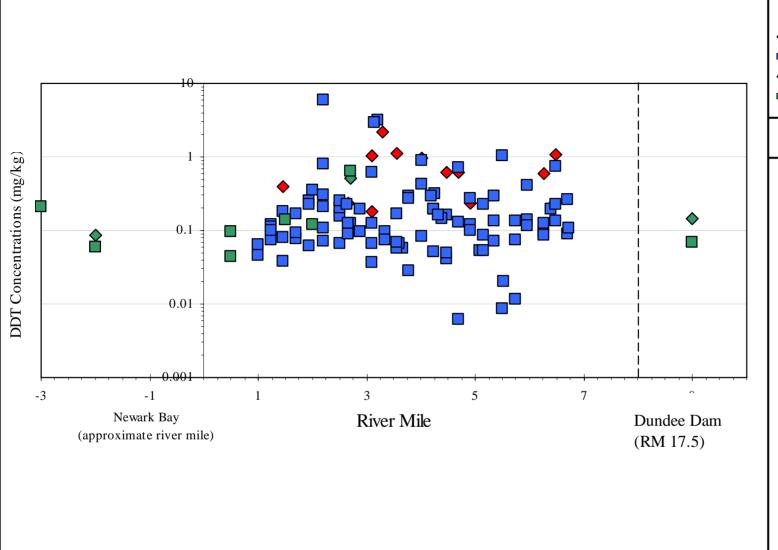


Comparison of 2,3,7,8-TCDD Concentrations in 1963, 1985, 1986, and 1995

Lower Passaic River Restoration Project







- ◆ Tierra Solutions, Inc. (1963)
- Tierra Solutions, Inc. (1995)
- ♦ Bopp et al., 1991a (1963)
- Bopp et al., 1991a (1985-1986)

Location

Notes

Tierra Solutions Inc. Data

PASSAIC 1995 RI Sampling Program (14 of the 95 locations), Tierra Solutions, Inc.

Interpolated concentrations calculated at the depth corresponding to the cesium-137 peak

Total DDT represents the sum of the three 4,4' isomers wherever possible.

Nondetected values were incorporated into the sum as half the reported detection limit.

Surface concentrations are from a depth of 0 to <1 foot

Bopp et. al., 1991a Data Source:

Sediment Sampling and Radionuclide and Chlorinated Hydrocarbon Analysis in Newark Bay and the Hackensack and Passaic Rivers, Bopp et al.

Concentration obtained from analysis of discrete core sections corresponding to the cesium-137 peak.

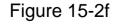
Total DDT represents the sum of two of the three 4,4' isomers (DDD and DDT).

Surface concentrations are from a depth of 0 to <1 foot

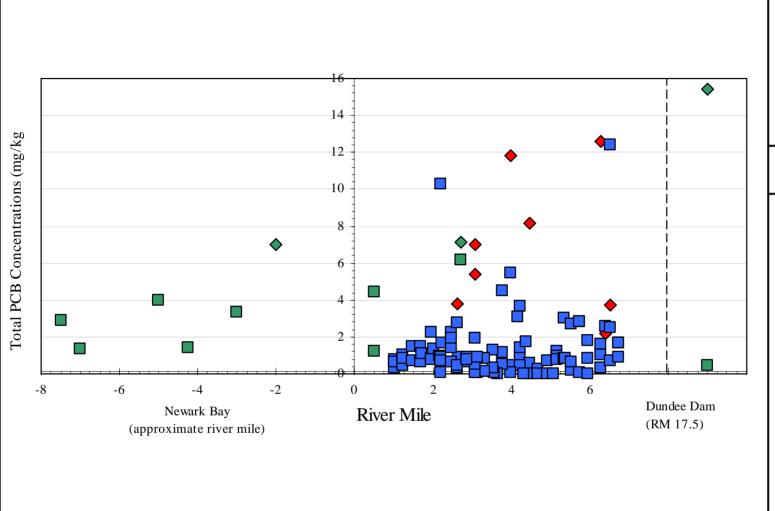


Comparison of Total DDT Concentrations in 1963, 1985, 1986, and 1995

Lower Passaic River Restoration Project







- ♦ Tierra Solutions, Inc (1963)
- Tierra Solutions, Inc. (1995)
- ♦ Bopp et al., 1991a (1963)
- Bopp er al., 1991a (1985-1986)

Location

Notes

Tierra Solutions Inc. Data

PASSAIC 1995 RI Sampling Program (14 of the 95 locations), Tierra Solutions, Inc.

Interpolated concentrations calculated at the depth corresponding to the cesium-137 peak

Non-detect (lab qualifier containing a U) plotted as half the reported detection limit

Total PCB values are the sum of Aroclors 1248, 1254, and 1260

Bopp et al,. 1991a Data Source:

Sediment Sampling and Radionuclide and Chlorinated Hydrocarbon Analysis in Newark Bay and the Hackensack and Passaic Rivers, Bopp et al.

Concentration obtained from analysis of discrete core sections corresponding to the cesium-137 peak.

Total PCB concentrations are the sum of Aroclors 1242 and 1254.

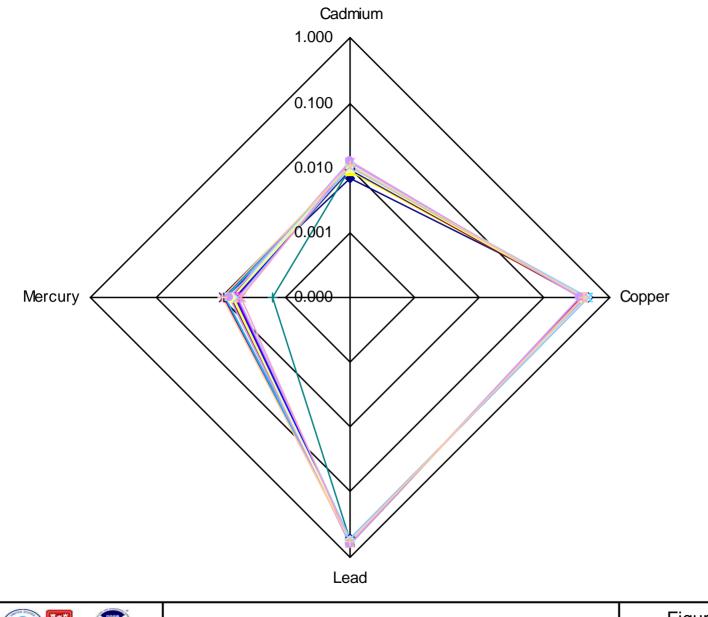


Comparison of Total PCB Concentrations in 1963, 1985, 1986, and 1995

Lower Passaic River Restoration Project







→ TSI 201 / RM 1

---- TSI 202 / RM 1

→ TSI 202 dup / RM 1

-X- TSI 203 / RM 1

-*- TSI 206 / RM 1.23

--- TSI 213 / RM 1.94

---- TSI 214 / RM 1.94

--- TSI 295 / RM 2

---- TSI 282 / RM 2.2

101202 / INVIZ.

TSI 283 / RM 2.2

TSI 222 / RM 2.65

TSI 223 / RM 2.65

 \times TSI 284 / RM 2.7

——— TSI 225 / RM 2.87

---- TSI 227 / RM 2.87

TSI 226 / RM 2.88

Location

River Mile 1 to River Mile 3

Notes

Each metal in the radar plot is represented on its own axis, which radiates from the center point of the graph. Metal concentrations are plotted as a unitless mass fraction (concentration of the metal (ug/kg)/ total concentration (ug/kg)]. For clarity, a logarithmic scale is used. Lines connect all the values from a given sample.

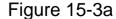
Data Source:

Tierra Solutions, Inc. 1995 Dataset. Results are from surface sediment samples (0 to 0.5 foot)

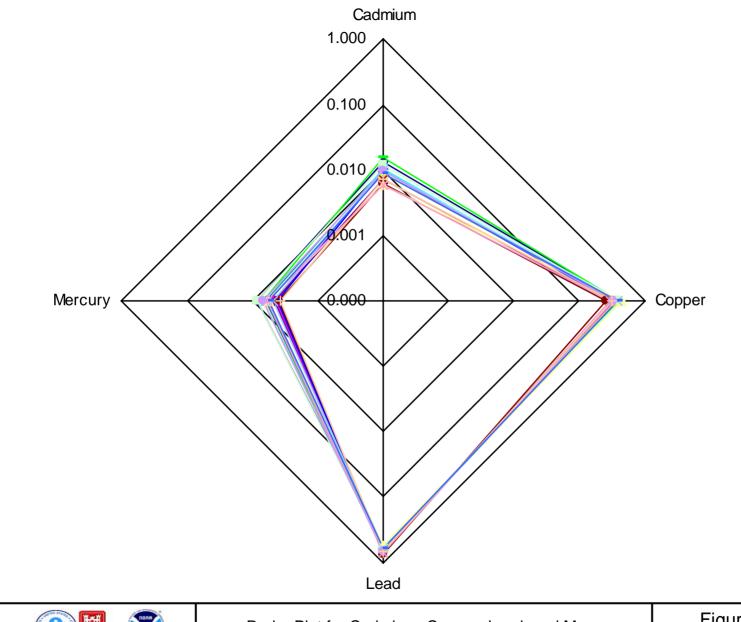


Radar Plot for Cadmium, Copper, Lead, and Mercury, River Mile 1 to River Mile 3

Lower Passaic River Restoration Project









TSI 240 / RM 4.01
TSI 241 / RM 4.01
TSI 242 / RM 4.02
TSI 289 / RM 4.19
TSI 243 / RM 4.24
TSI 244 / RM 4.24
TSI 245 / RM 4.24
TSI 290 / RM 4.25
TSI 291 / RM 4.32
TSI 292 / RM 4.39
TSI 292 dup / RM 4.39
TSI 292 dup / RM 4.47
TSI 248 / RM 4.47
TSI 248 / RM 4.47

Location

River Mile 4 to River Mile 5

TSI 251 / RM 4.7

TSI 254 / RM 4.91 TSI 253 / RM 4.92

Notes

Each metal in the radar plot is represented on its own axis, which radiates from the center point of the graph. Metal concentrations are plotted as a unitless mass fraction [concentration of the metal (ug/kg)]. For clarity, a logarithmic scale is used. Lines connect all the values from a given sample.

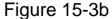
Data Source:

Tierra Solutions, Inc. 1995 Dataset. Results are from surface sediment samples (0 to 0.5 foot)

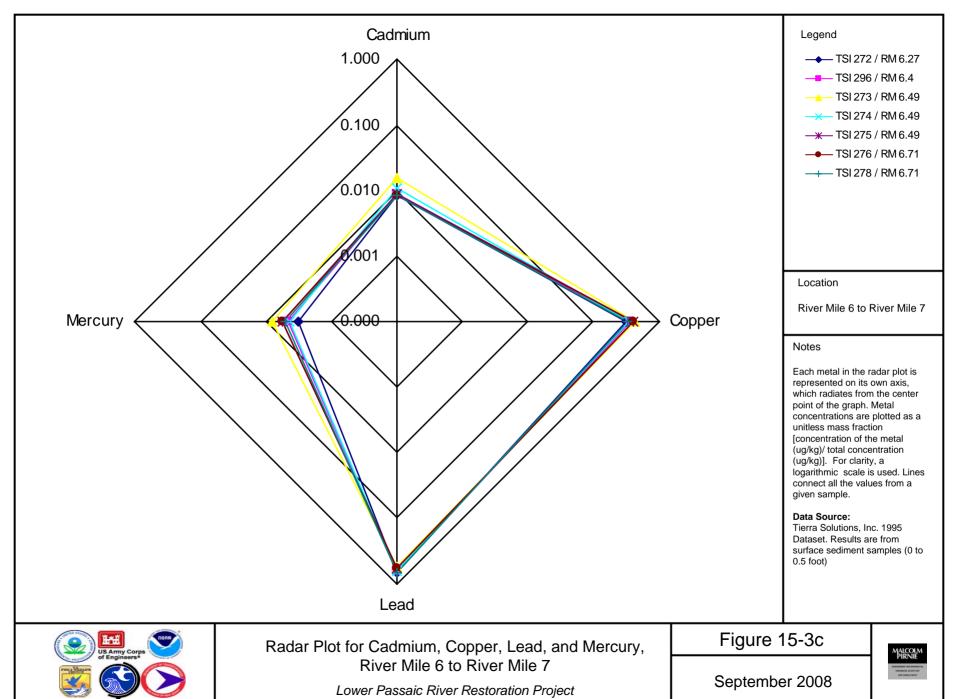


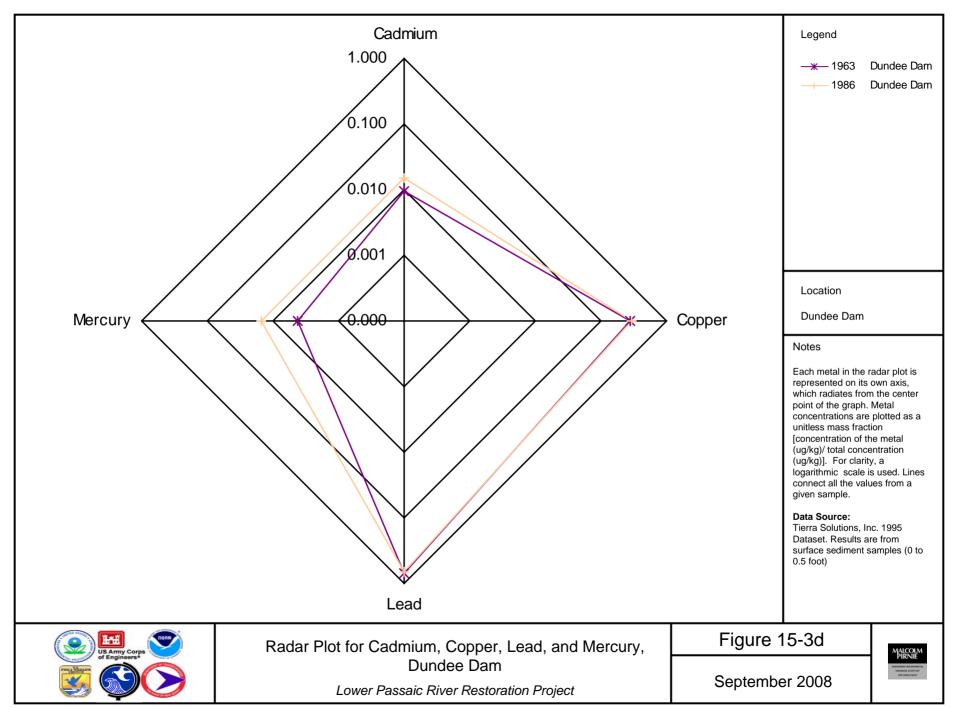
Radar Plot for Cadmium, Copper, Lead, and Mercury, River Mile 4 to River Mile 5

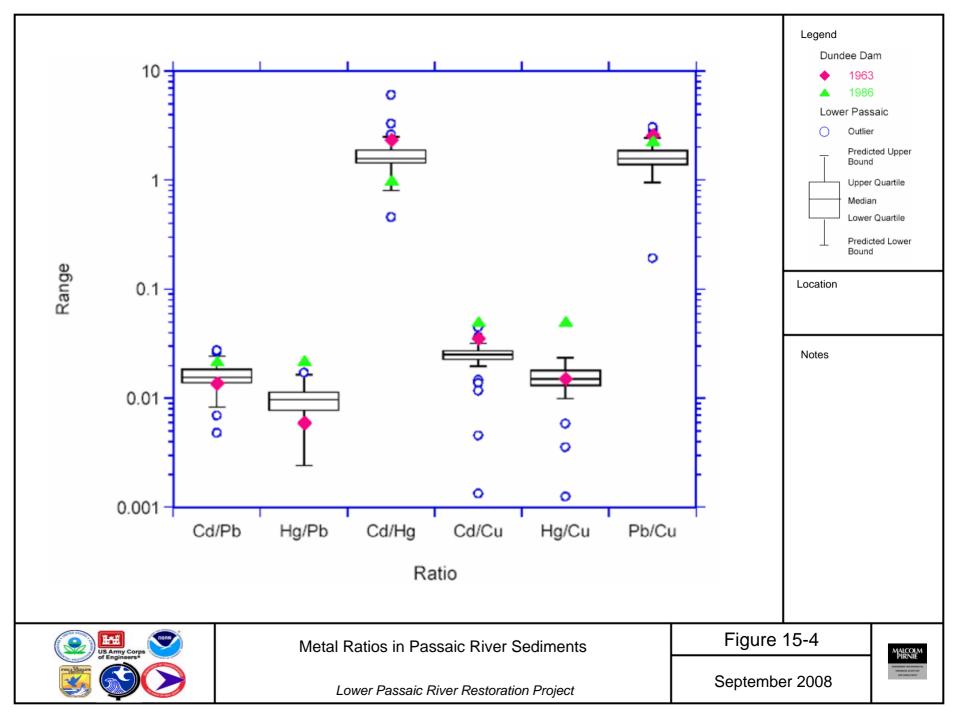
Lower Passaic River Restoration Project











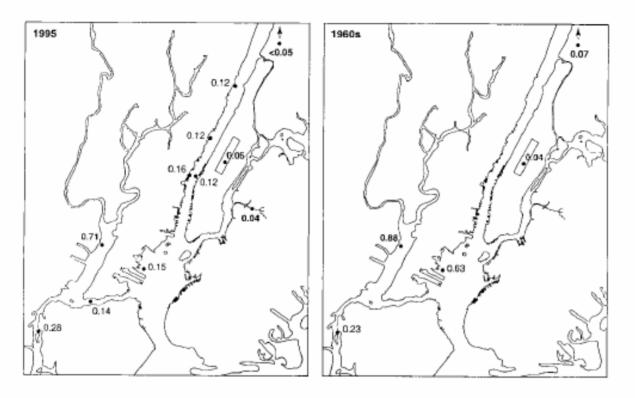


Figure 2.32: 2,3,7,8-TeCDD/ΣTeCDD ratio for harbor sediments deposited in 1995±1 year (left) and in the mid-1960s (right). Data for the mp59.55i "upstream" indicator sample is noted with an arrow at top right. The ratios in atmospheric deposition measured in the Central Park Lake sediments and in "upstream" sediment delivery measured in the mp59.55i core are low in both time periods. The influence of the Western Harbor (80 Lister Avenue) source on Harbor sediments was much stronger in the 1960s, but is still responsible for ca. 50% of 2,3,7,8-TeCDD in recent deposition.



Reprint from D.A. Chaky (2003) "Polychlorinated biphenyls, polychlorinated dibenzo-p-dioxins, and furans in the NY Metropolitan Area." Rensselaer Polytechnic Institute (Troy, NY).

Lower Passaic River Restoration Project

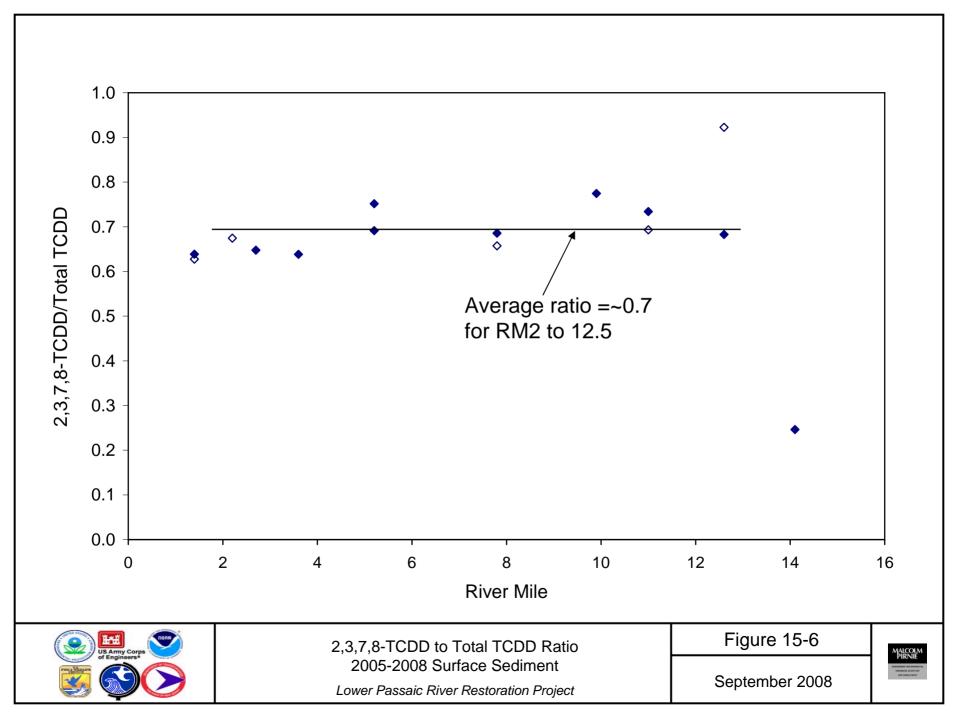
Figure 15-5

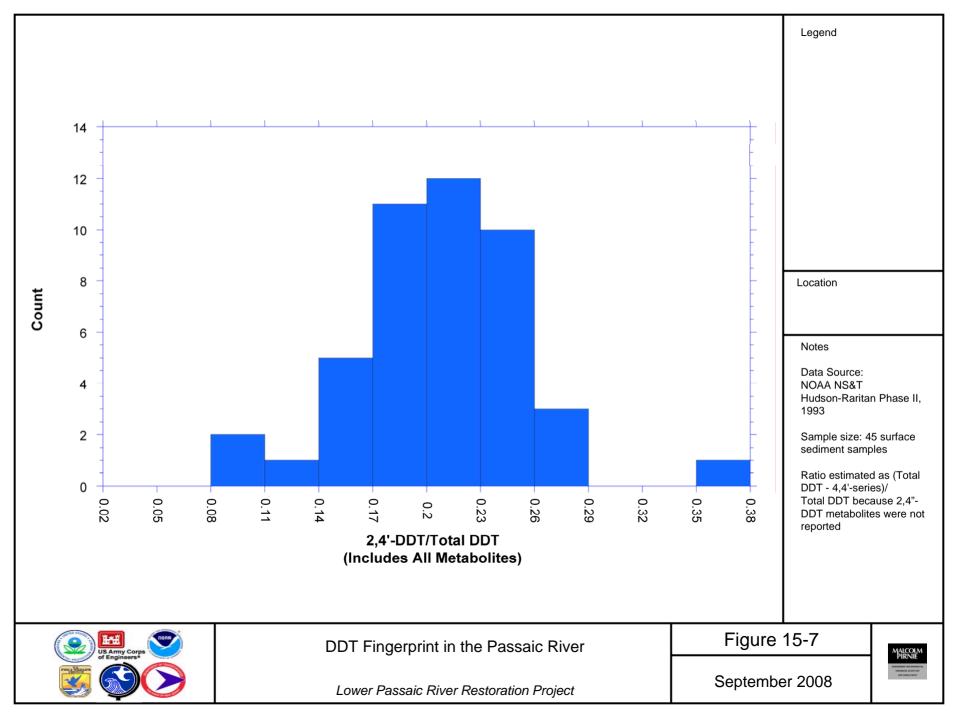
Legend

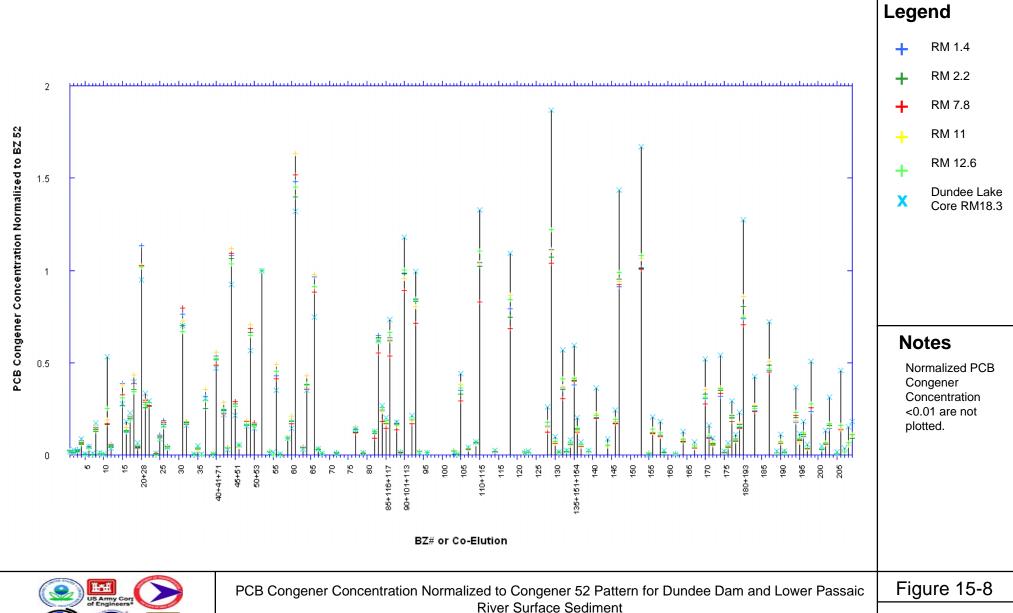
Location

Notes



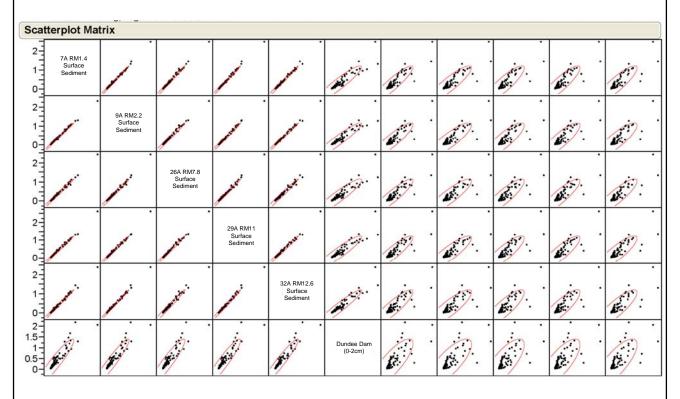






Multivariate Correlations

	7A RM1.4 Surface Sediment	9A RM2.2 Surface Sediment	26A RM7.8 Surface Sediment	29A RM11 Surface Sediment	32A RM12.6 Surface Sediment	Dundee Dam (0-2cm)	NB01SED03 1 (RM-3.0)	NB01SED03 0 (RM-3.4)	NB01SED02 4 (RM-4.0)	NB01SED02 1 (RM-4.1)	NB01SED01 7 (RM-4.6)
7A RM1.4 Surface Sediment	1.0000	0.9979	0.9964	0.9973	0.9967	0.9348	0.9167	0.8917	0.8755	0.8862	0.8802
9A RM2.2 Surface Sediment	0.9979	1.0000	0.9951	0.9968	0.9977	0.9467	0.8973	0.8710	0.8524	0.8629	0.8575
26A RM7.8 Surface Sediment	0.9964	0.9951	1.0000	0.9962	0.9922	0.9291	0.9119	0.8873	0.8718	0.8845	0.8774
29A RM11 Surface Sediment	0.9973	0.9968	0.9962	1.0000	0.9954	0.9346	0.9046	0.8787	0.8614	0.8731	0.8650
32A RM12.6 Surface Sediment	0.9967	0.9977	0.9922	0.9954	1.0000	0.9555	0.8931	0.8658	0.8467	0.8573	0.8525
Dundee Dam (0-2cm)	0.9348	0.9467	0.9291	0.9346	0.9555	1.0000	0.8000	0.7711	0.7475	0.7531	0.7582
NB01SED031 (RM-3.0)	0.9167	0.8973	0.9119	0.9046	0.8931	0.8000	1.0000	0.9965	0.9943	0.9952	0.9938
NB01SED030 (RM-3.4)	0.8917	0.8710	0.8873	0.8787	0.8658	0.7711	0.9965	1.0000	0.9972	0.9961	0.9965
NB01SED024 (RM-4.0)	0.8755	0.8524	0.8718	0.8614	0.8467	0.7475	0.9943	0.9972	1.0000	0.9978	0.9980
NB01SED021 (RM-4.1)	0.8862	0.8629	0.8845	0.8731	0.8573	0.7531	0.9952	0.9961	0.9978	1.0000	0.9976
NB01SED017 (RM-4.6)	0.8802	0.8575	0.8774	0.8650	0.8525	0.7582	0.9938	0.9965	0.9980	0.9976	1.0000



Legend

 PCB Congeners Concentration Normalized to Congener 52

Notes

In this presentation, river miles for the Newark Bay sampling locations are assigned with respect to the distance from the mouth of the Lower Passaic River (RM0.0) and following the federal navigation channel.







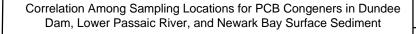
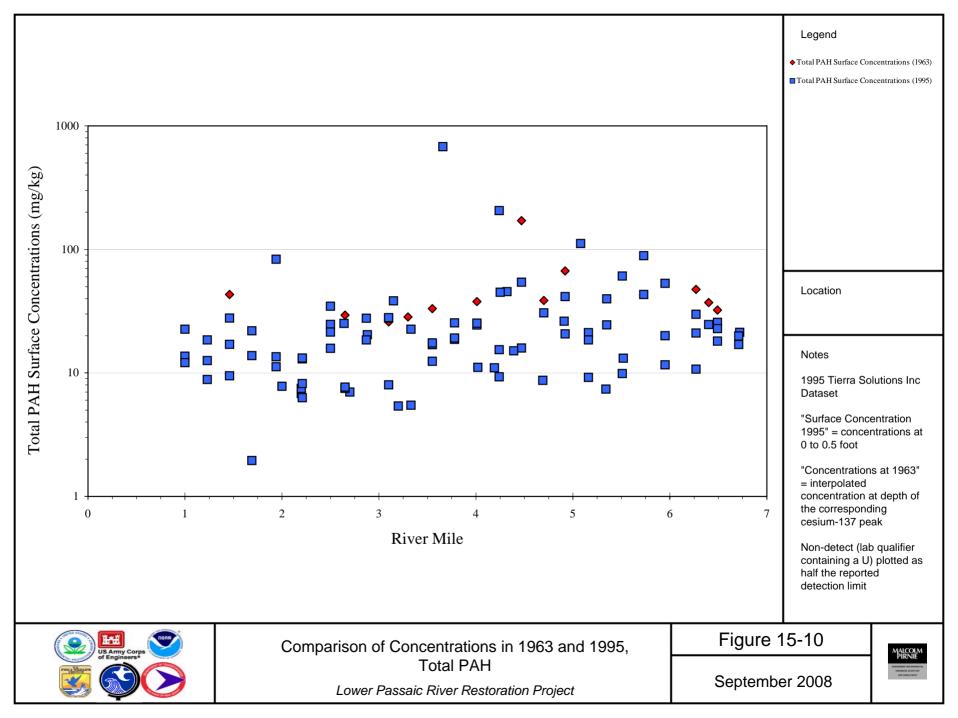
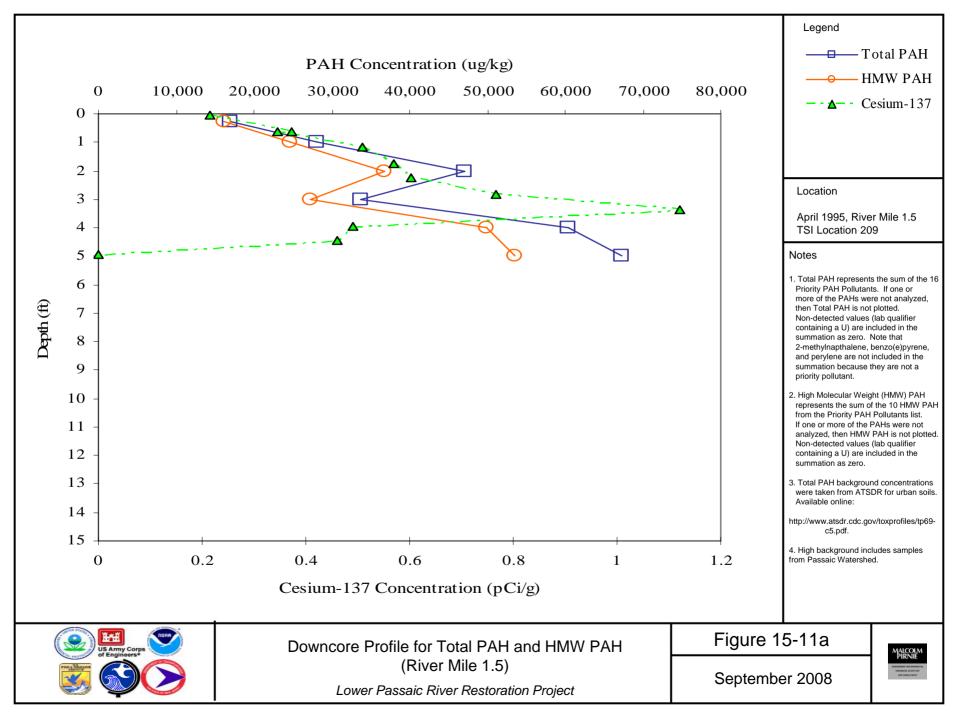
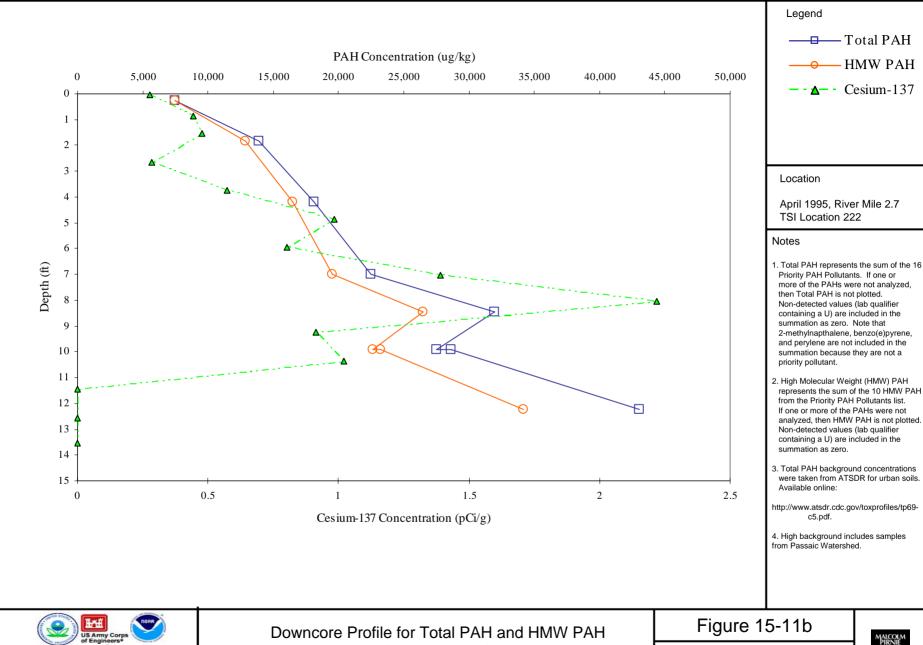


Figure 15-9



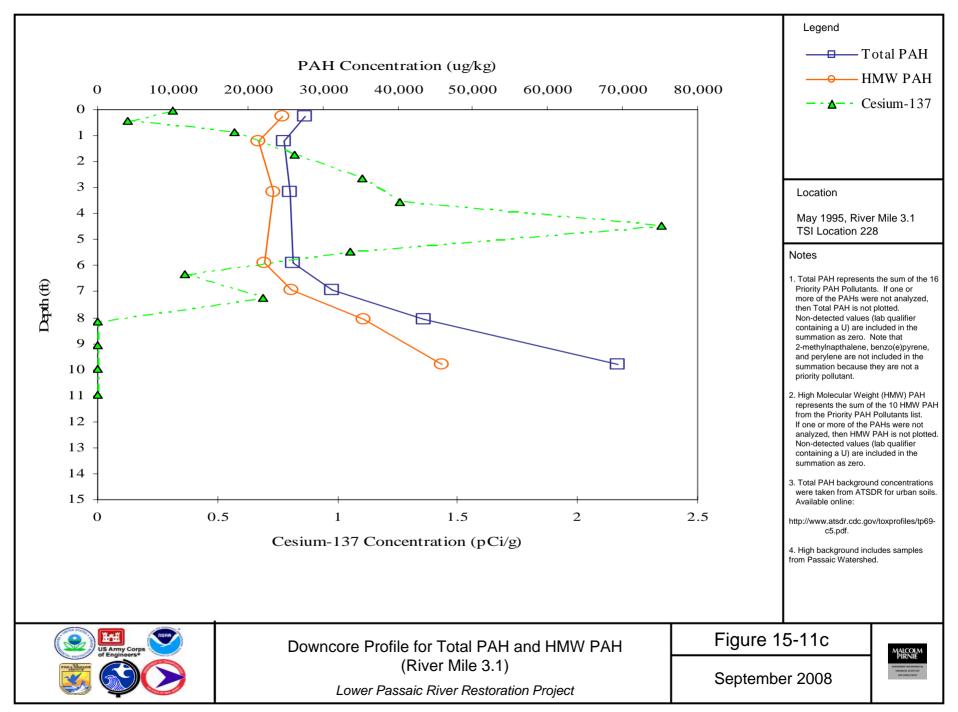


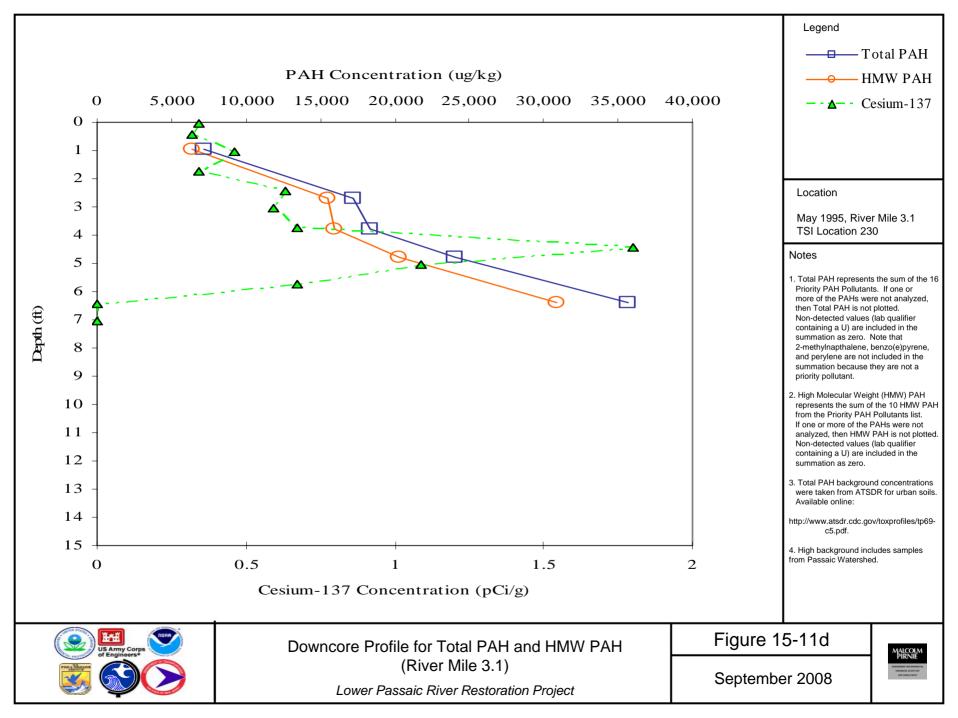


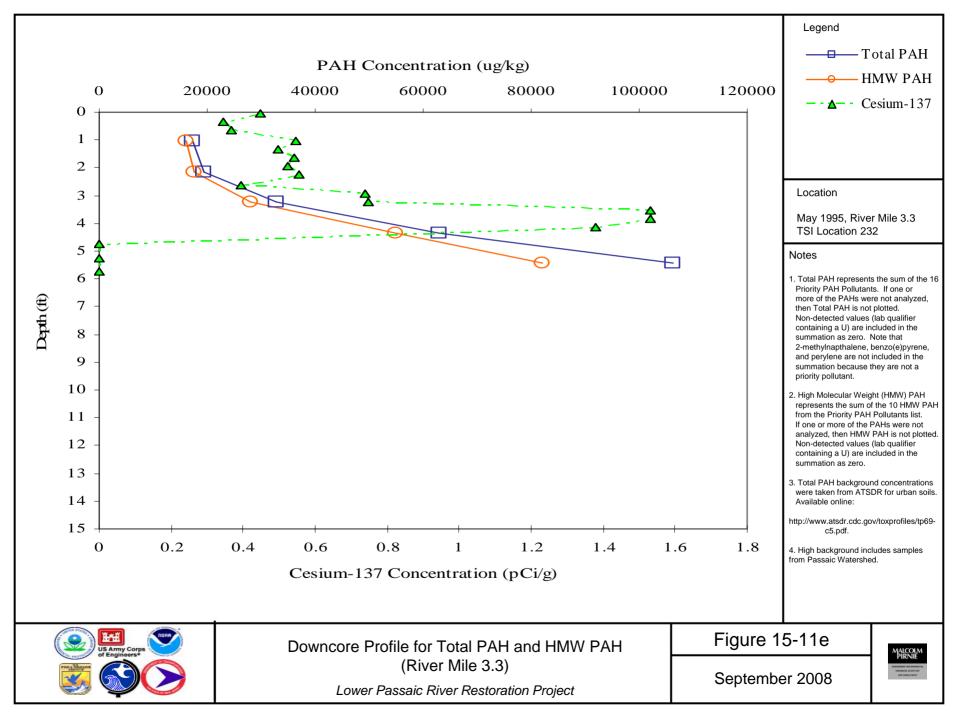
(River Mile 2.7)

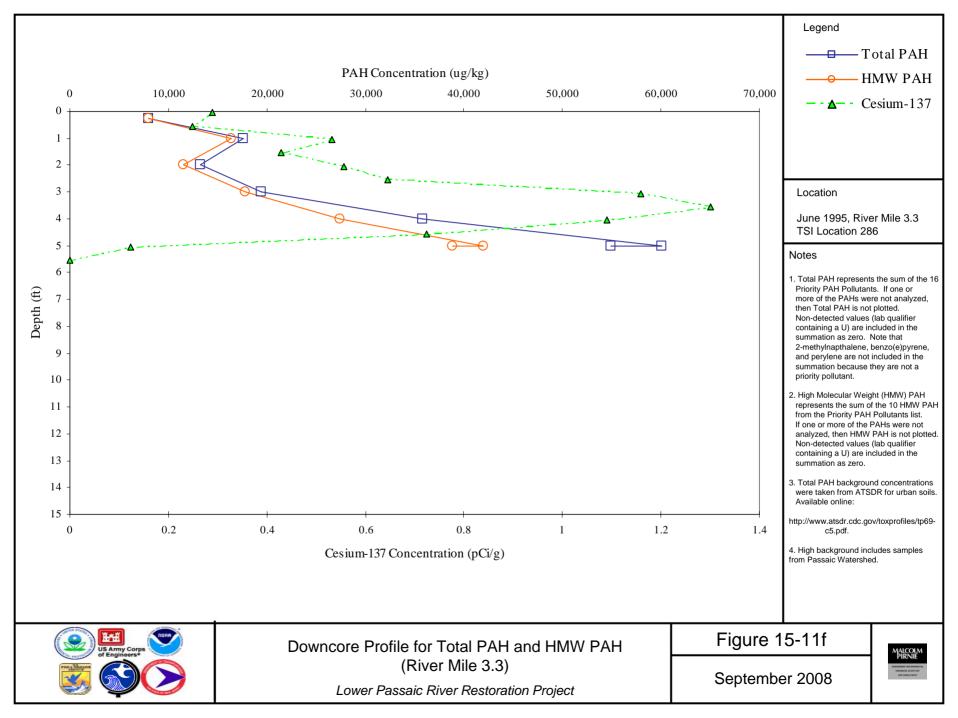
Lower Passaic River Restoration Project

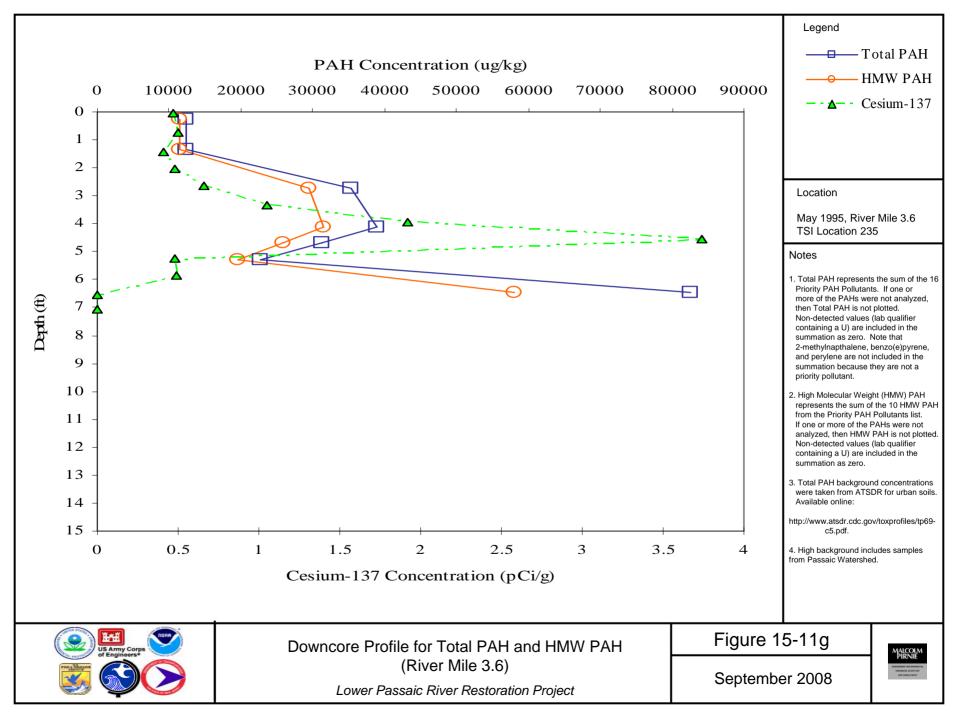


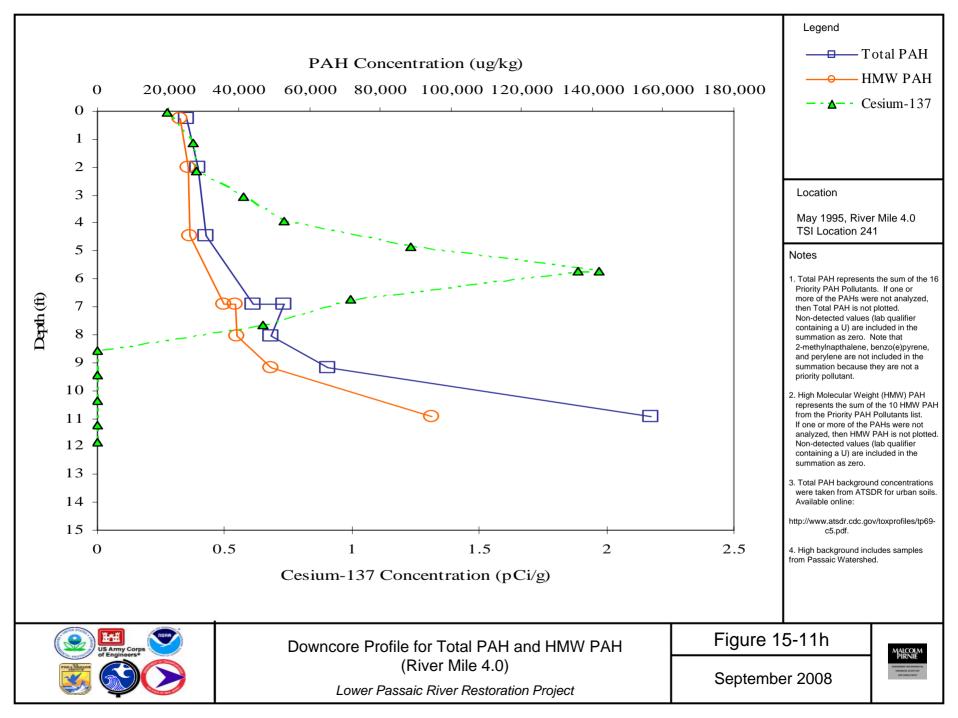


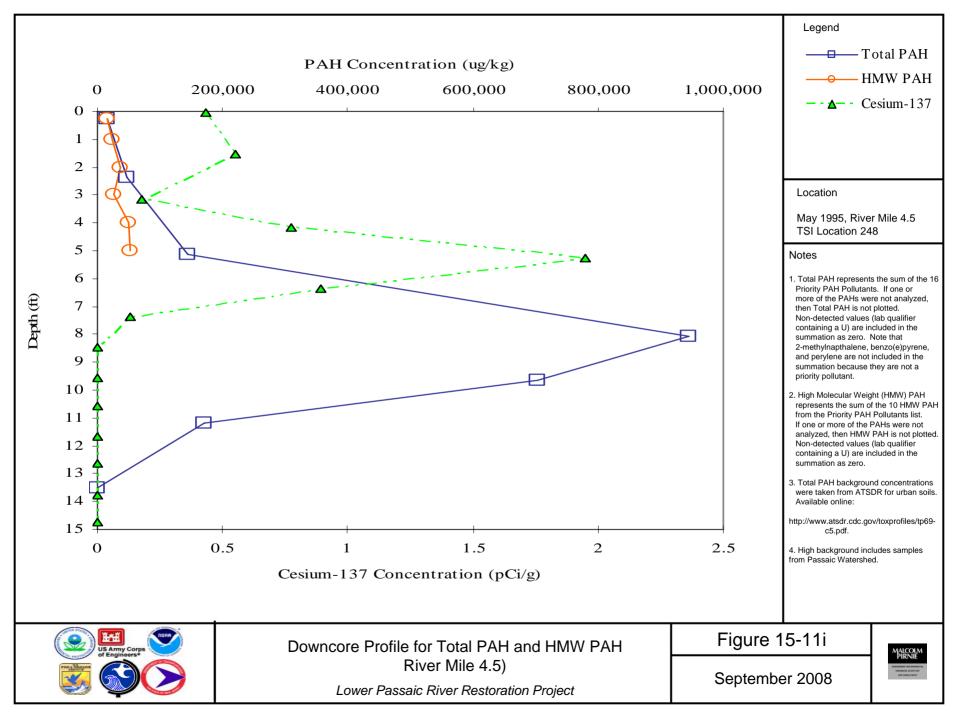


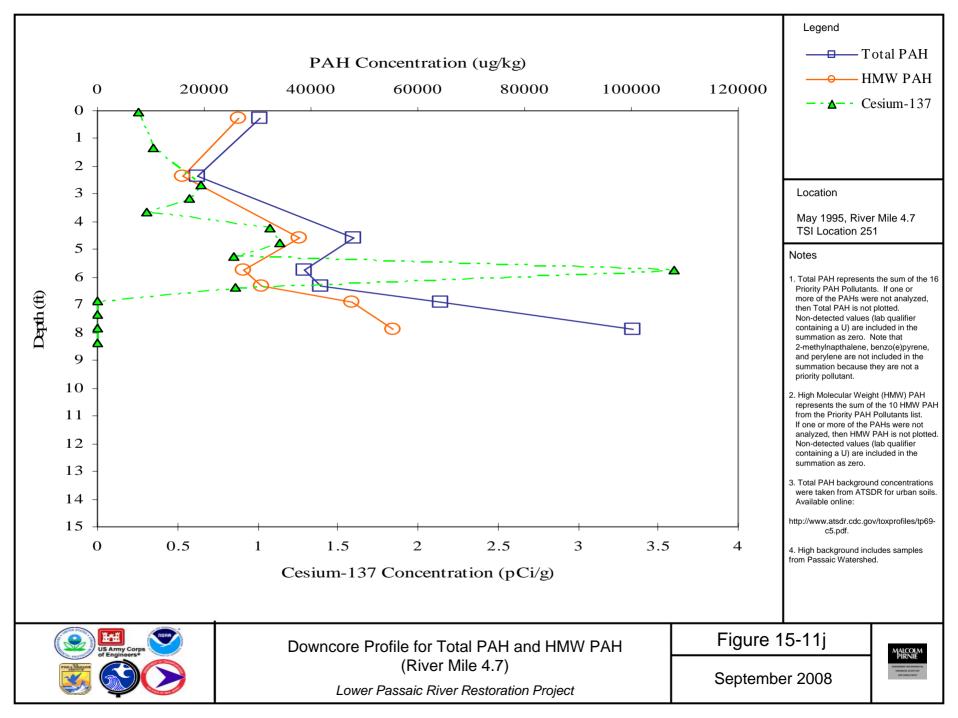


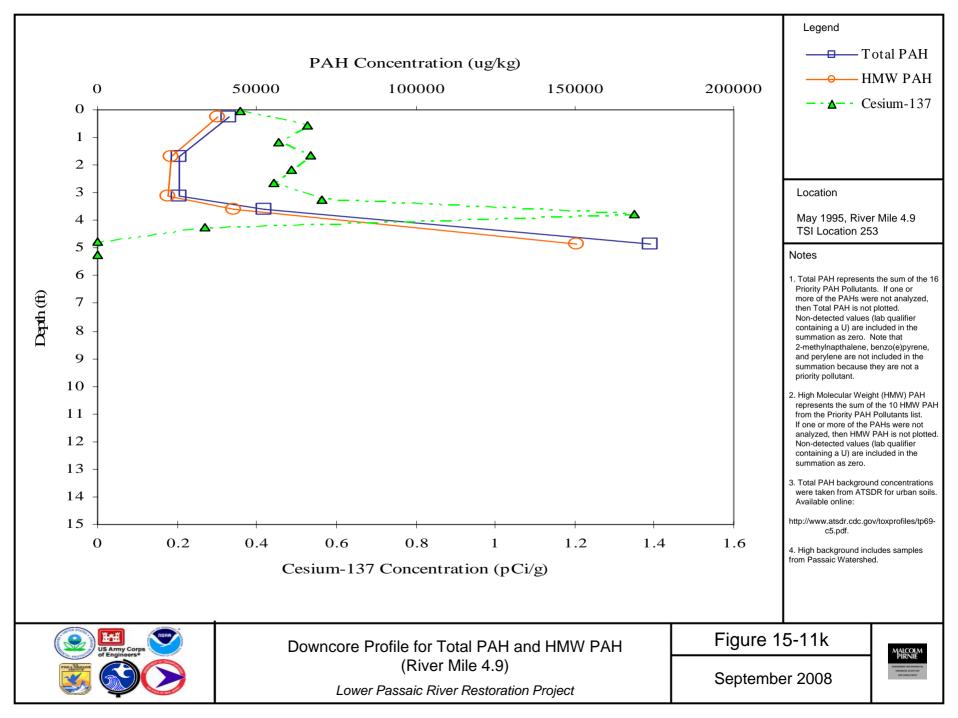


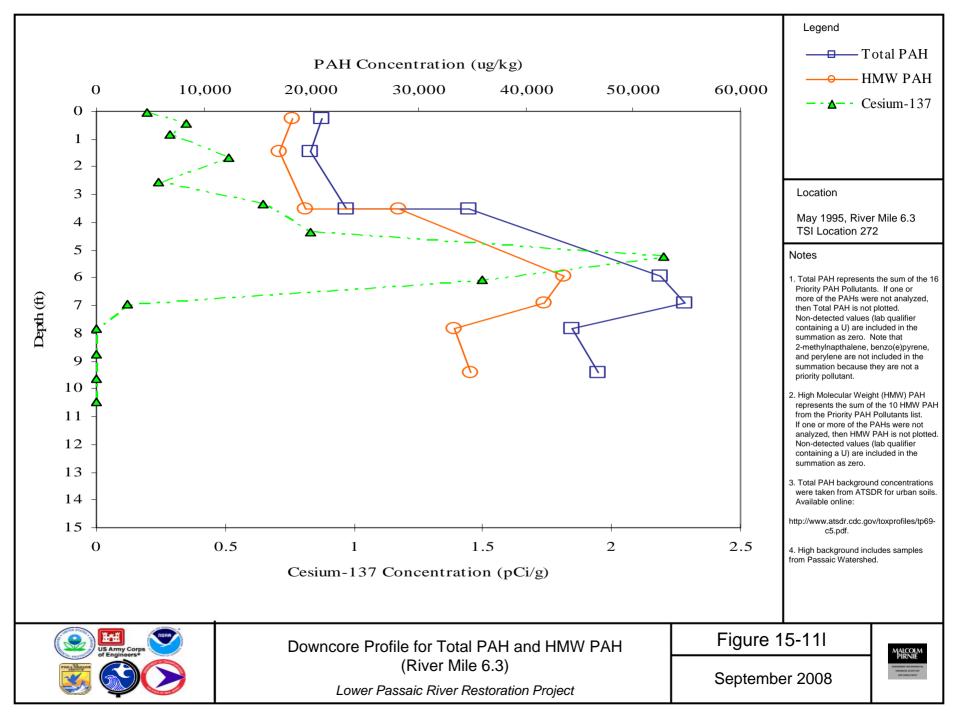


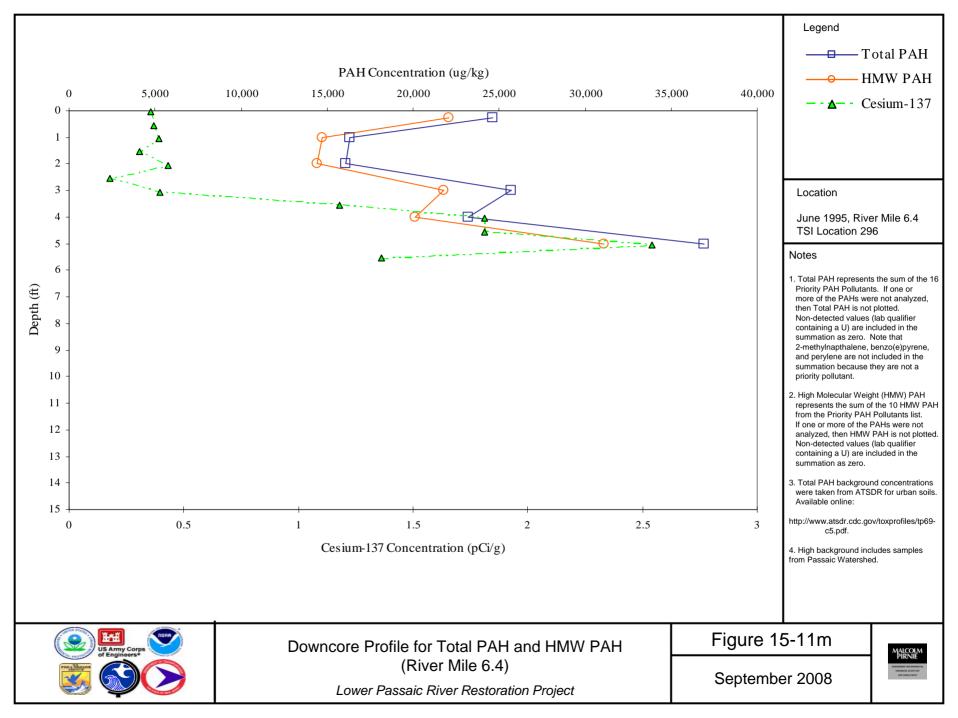


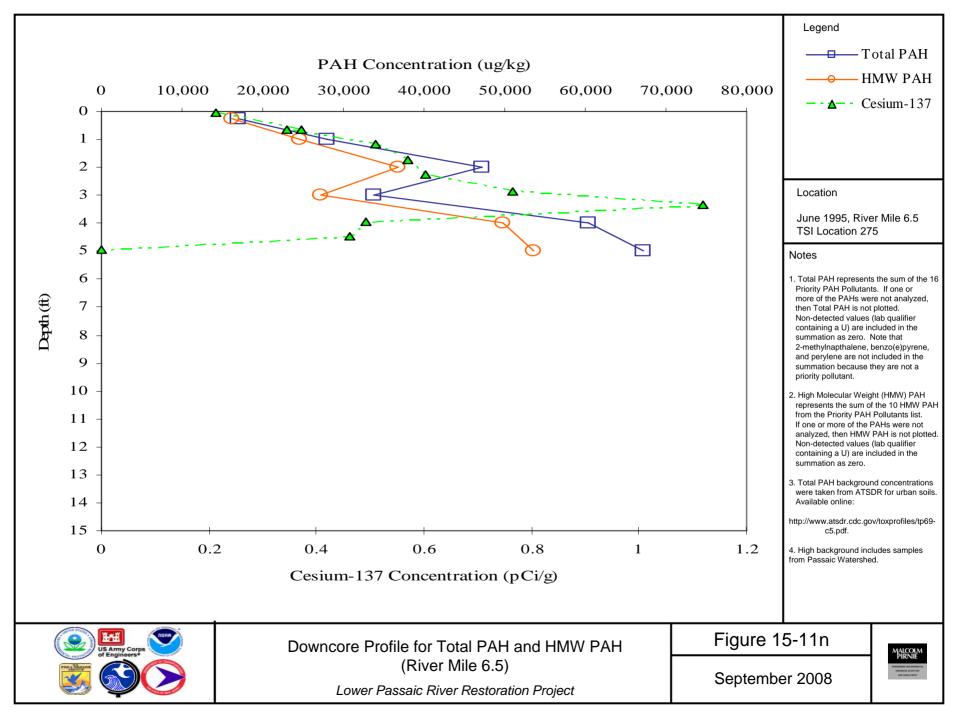


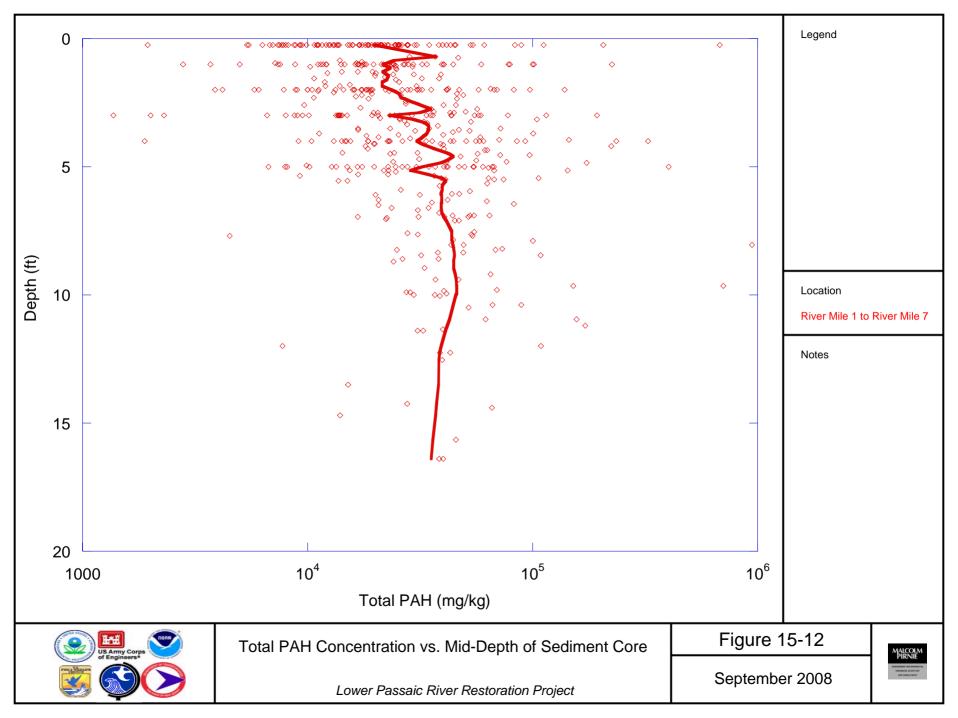


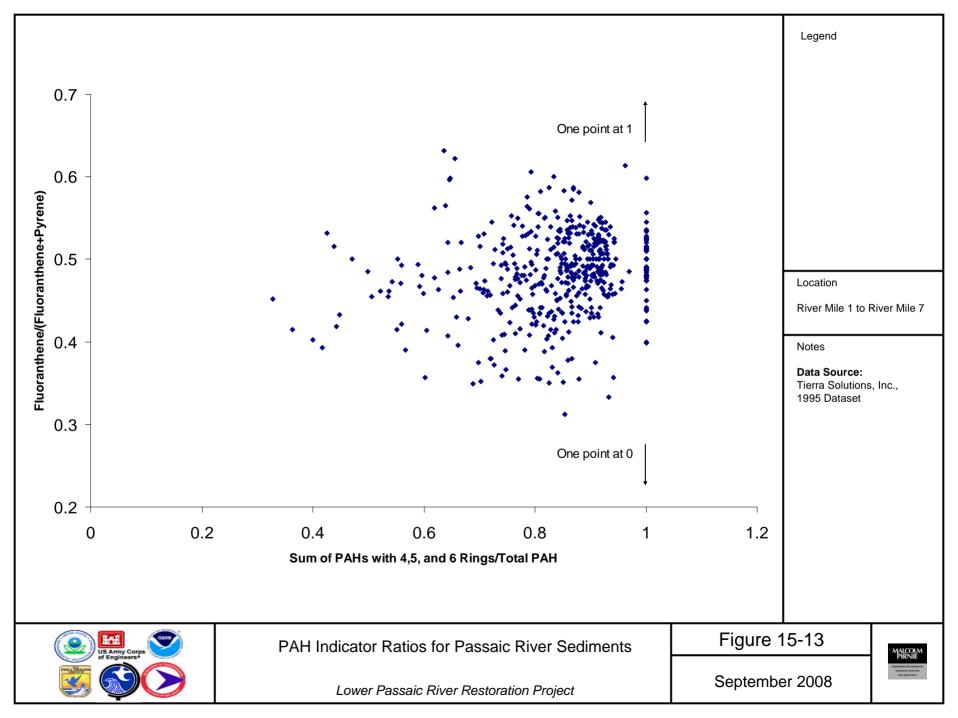


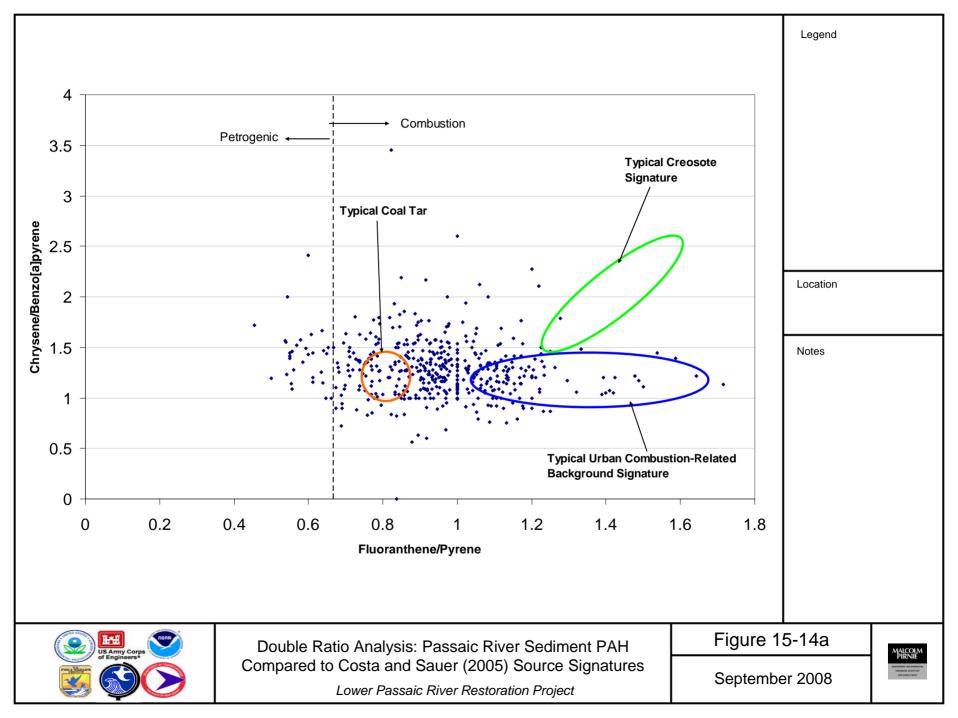


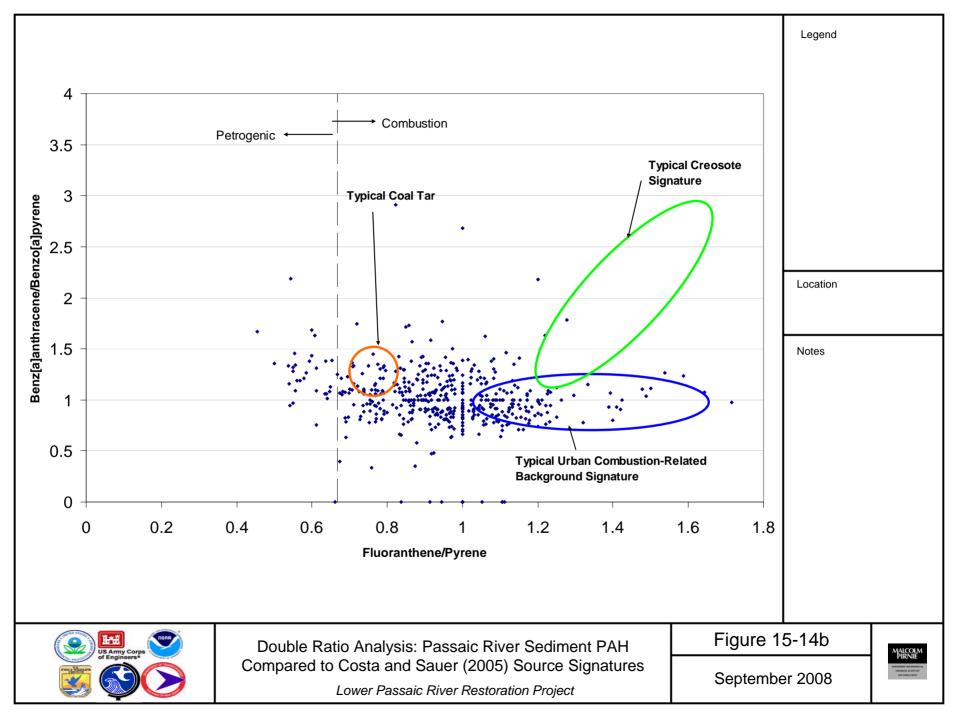


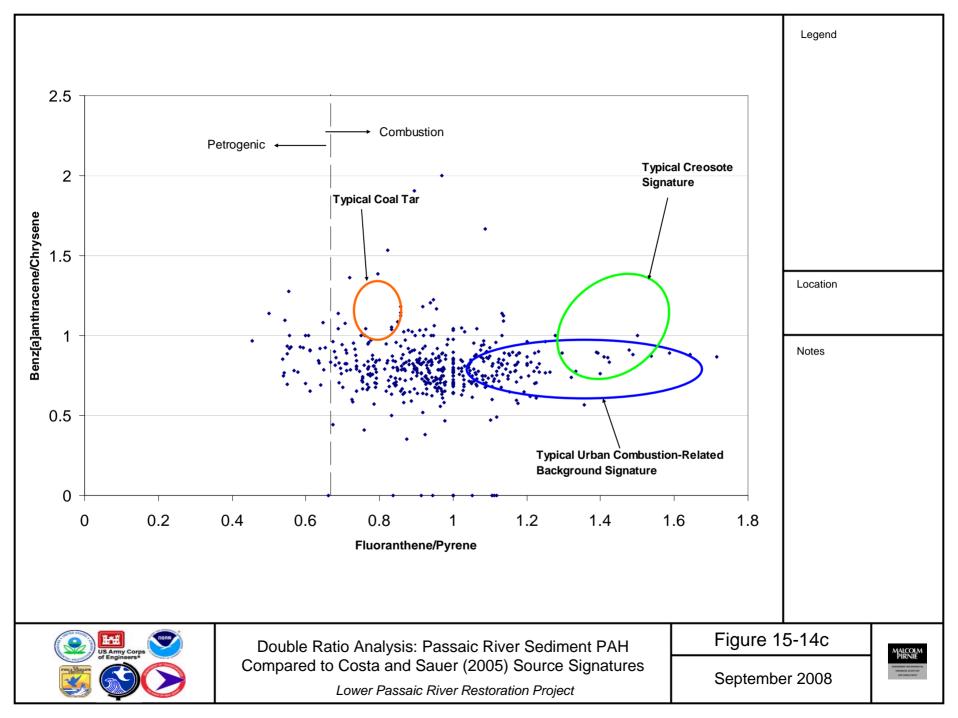


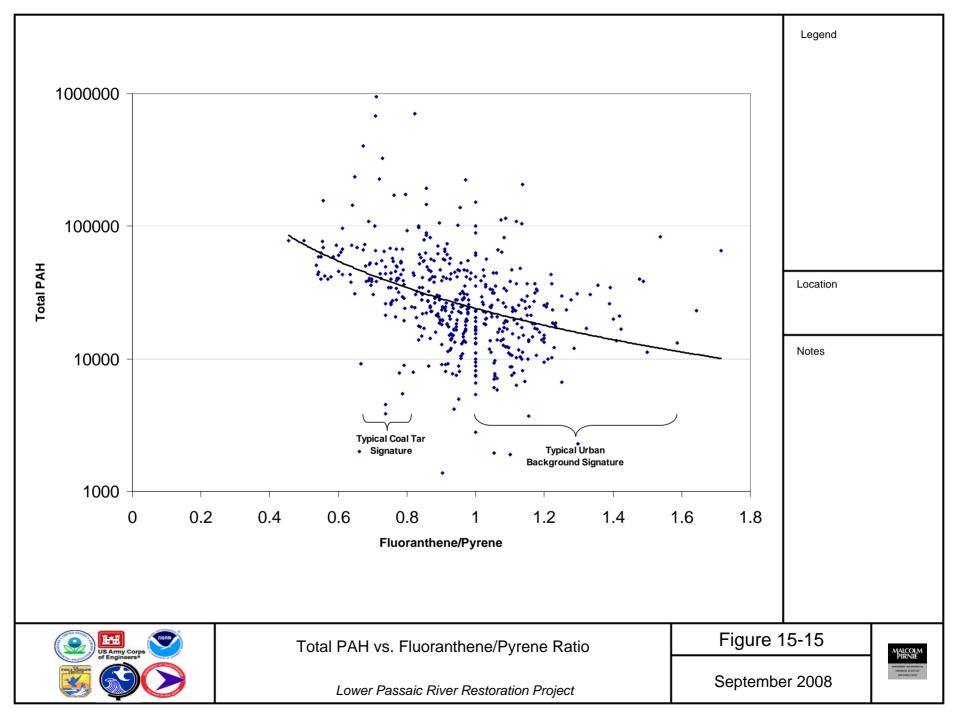


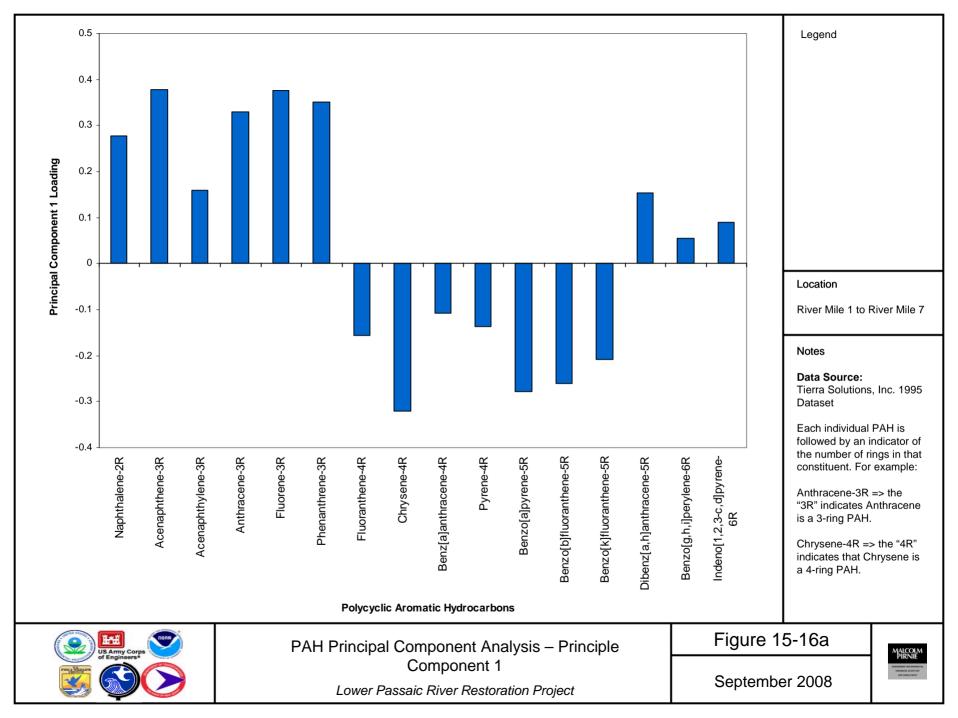


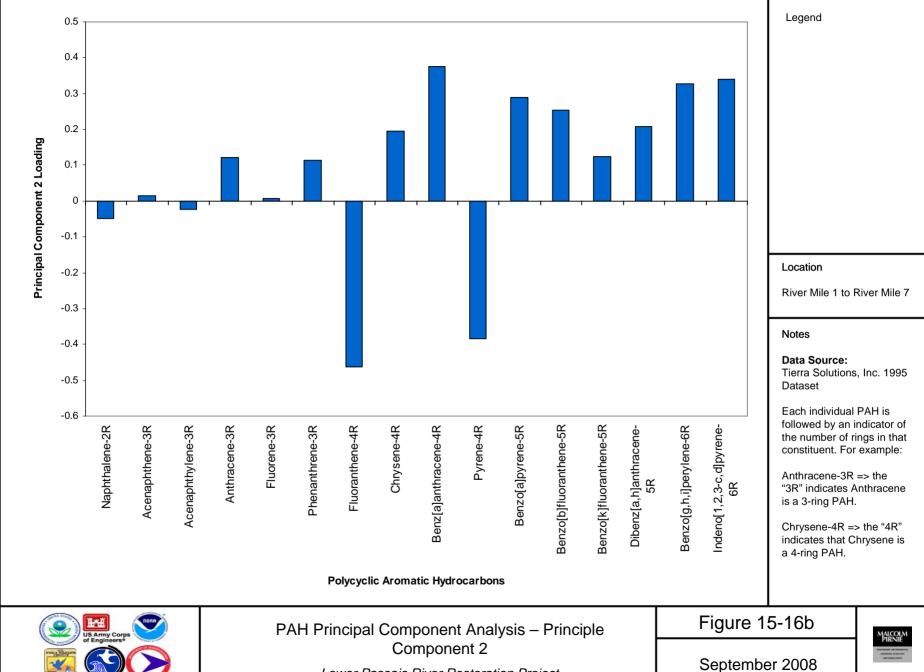




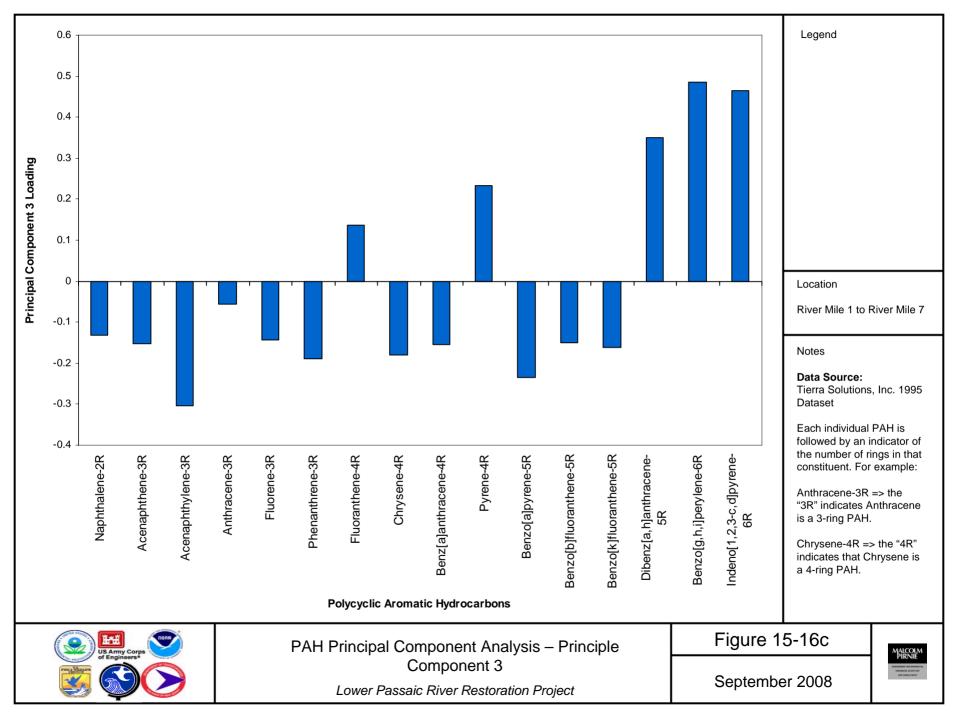


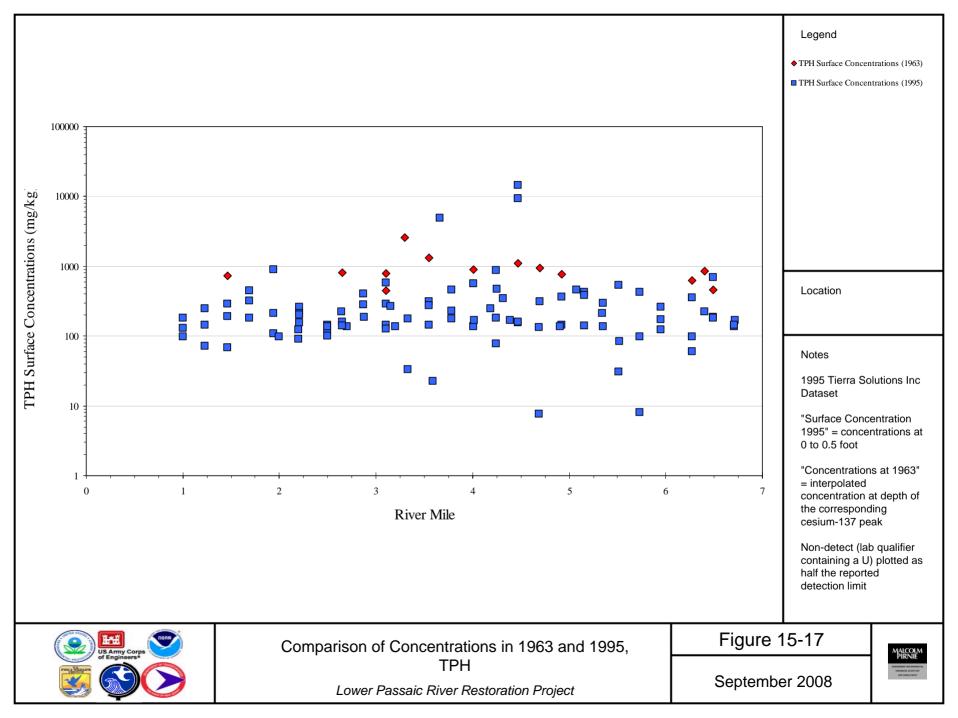


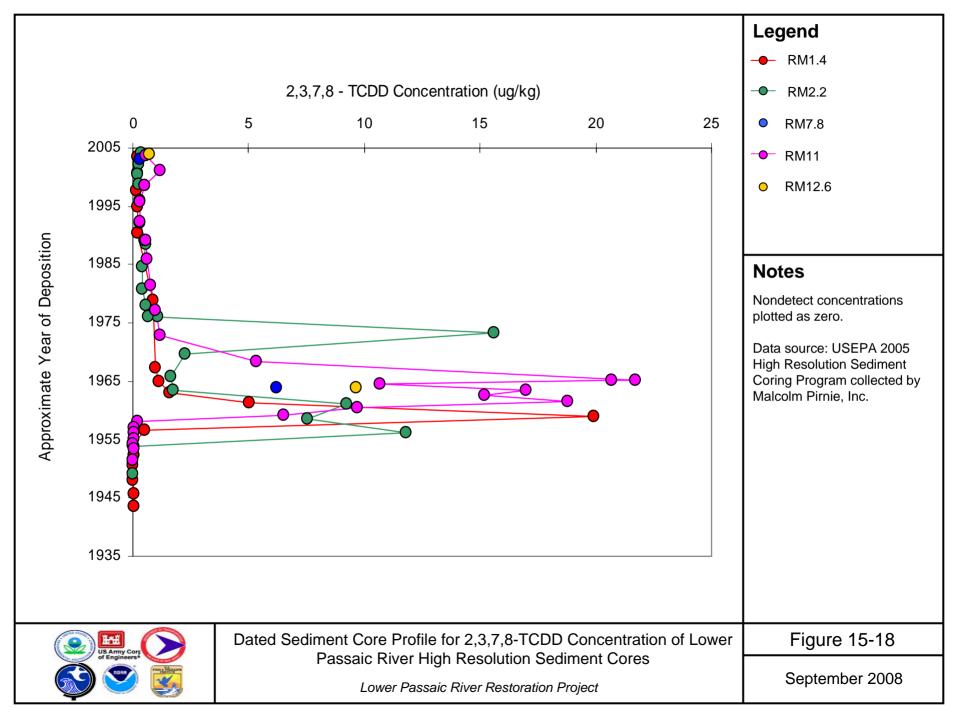


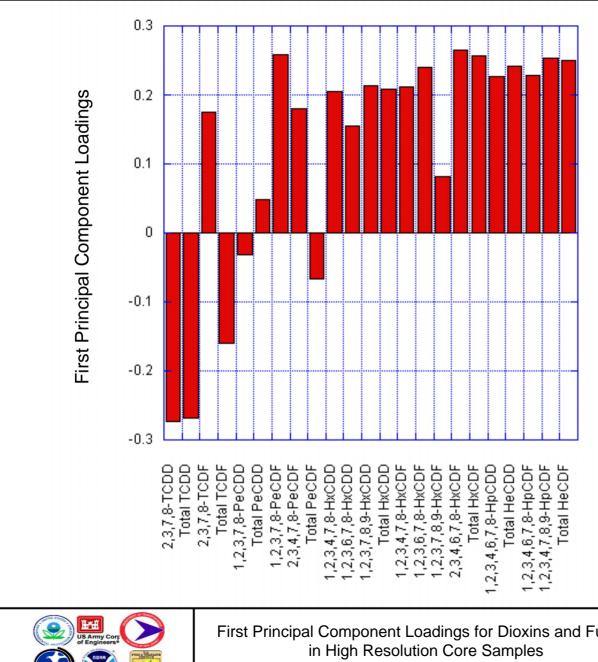


Lower Passaic River Restoration Project









Notes

The principal component analysis was run on all of the available tetra-, penta-, hexa- and hepta- dioxin and furan congeners and the homologue totals. Mass fractions were calculated by dividing each concentration value by the sum of all concentrations for each slice.

The first principal component accounts for 54% of the variance; the second principal component accounts for 16% of the variance.

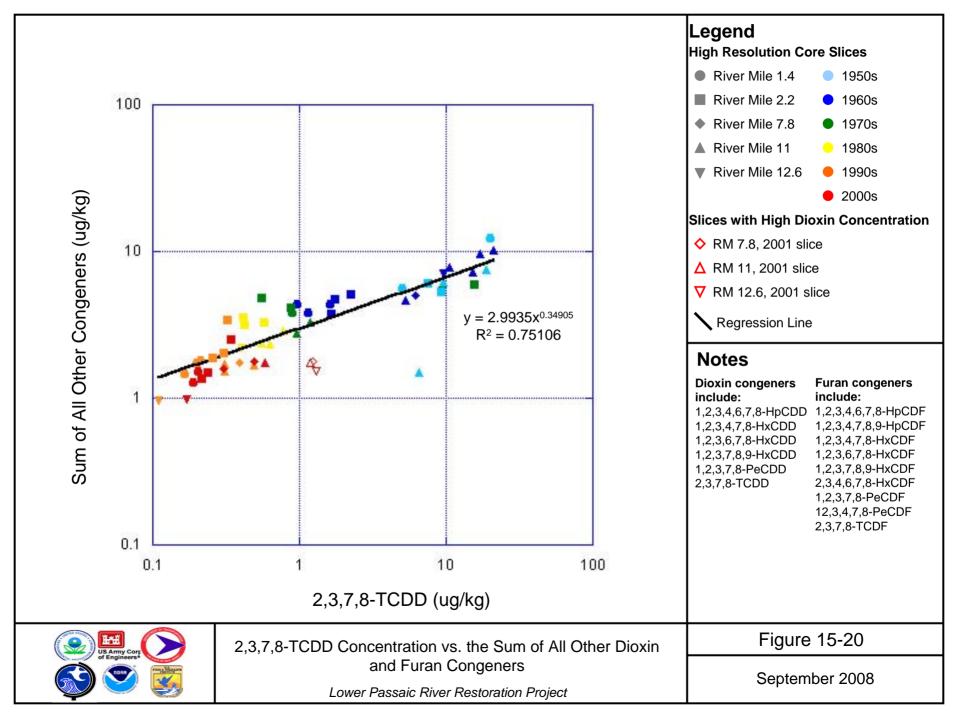
Figure 15-19

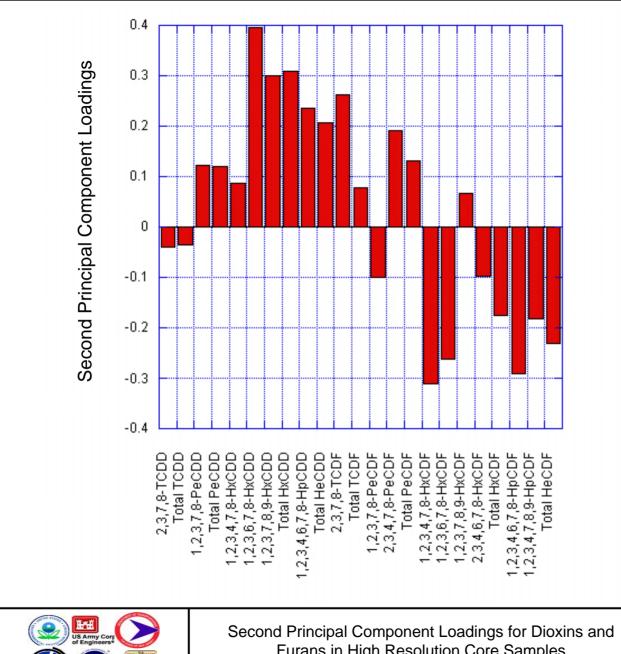
September 2008



First Principal Component Loadings for Dioxins and Furans

Lower Passaic River Restoration Project





Notes

The principal component analysis was run on all of the available tetra-, penta-, hexa- and hepta- dioxin and furan congeners and the homologue totals. Mass fractions were calculated by dividing each concentration value by the sum of all concentrations for each slice.

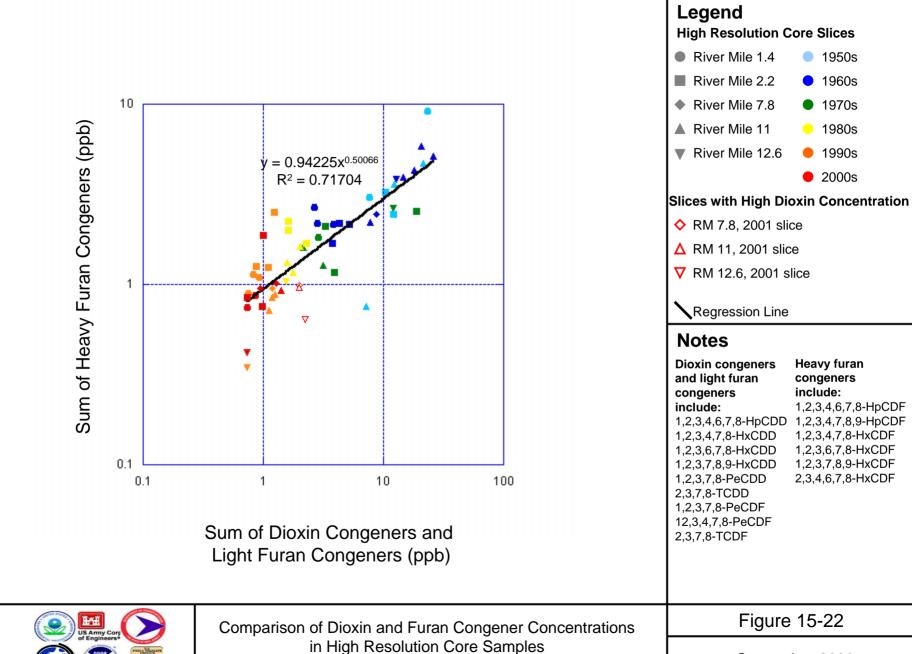
The first principal component accounts for 54% of the variance; the second principal component accounts for 16% of the variance.



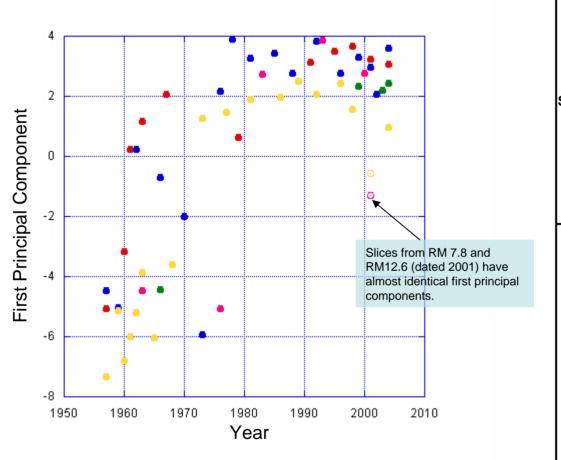
Furans in High Resolution Core Samples

Lower Passaic River Restoration Project

Figure 15-21



Lower Passaic River Restoration Project



Legend

High Resolution Core Slices

- River Mile 1.4
- River Mile 2.2
- River Mile 7.8
- River Mile 11
- River Mile 12.6

Slices with High Dioxin Concentration

- O RM 7.8, 2001 slice
- RM 11, 2001 slice
- O RM 12.6, 2001 slice

Notes

The principal component analysis was run on all of the available tetra-, penta-, hexa- and hepta- dioxin and furan congeners and the homologue totals. Mass fractions were calculated by dividing each concentration value by the sum of all concentrations for each slice.

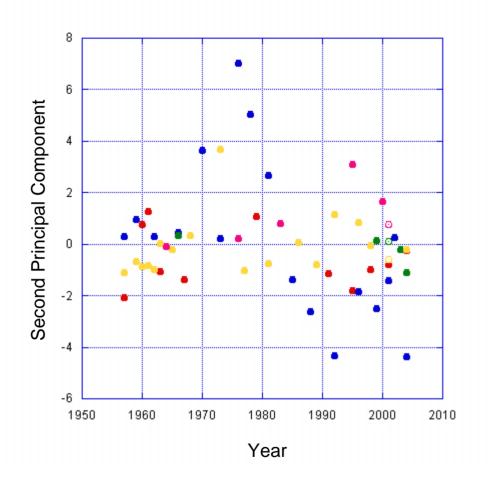
The first principal component accounts for 54% of the variance; the second principal component accounts for 16% of the variance.



First Principal Component *vs.* Approximate Year of Deposition for High Resolution Core Samples

Lower Passaic River Restoration Project

Figure 15-23



Legend

High Resolution Core Slices

- River Mile 1.4
- River Mile 2.2
- River Mile 7.8
- River Mile 11
- River Mile 12.6

Slices with High Dioxin Concentration

- O RM 7.8, 2001 slice
- RM 11, 2001 slice
- O RM 12.6, 2001 slice

Notes

The principal component analysis was run on all of the available tetra-, penta-, hexa- and hepta- dioxin and furan congeners and the homologue totals. Mass fractions were calculated by dividing each concentration value by the sum of all concentrations for each slice.

The first principal component accounts for 54% of the variance; the second principal component accounts for 16% of the variance.



Second Principal Component *vs.* Approximate Year of Deposition for High Resolution Core Samples

Lower Passaic River Restoration Project

Figure 15-24

8 6 Second Principal Component 2 0 -2 -4 -6 -2 -8 -6 0 2

First Principal Component

Legend

High Resolution Core Slices

River Mile 1.4

1950s

River Mile 2.2

1960s

River Mile 7.8

1970s

River Mile 11

91980s

1990s

▼ River Mile 12.6

2000s

Slices with High Dioxin Concentration

♦ RM 7.8, 2001 slice

△ RM 11, 2001 slice

▼ RM 12.6, 2001 slice

Notes

The principal component analysis was run on all of the available tetra-, penta-, hexa- and hepta- dioxin and furan congeners and the homologue totals. Mass fractions were calculated by dividing each concentration value by the sum of all concentrations for each slice.

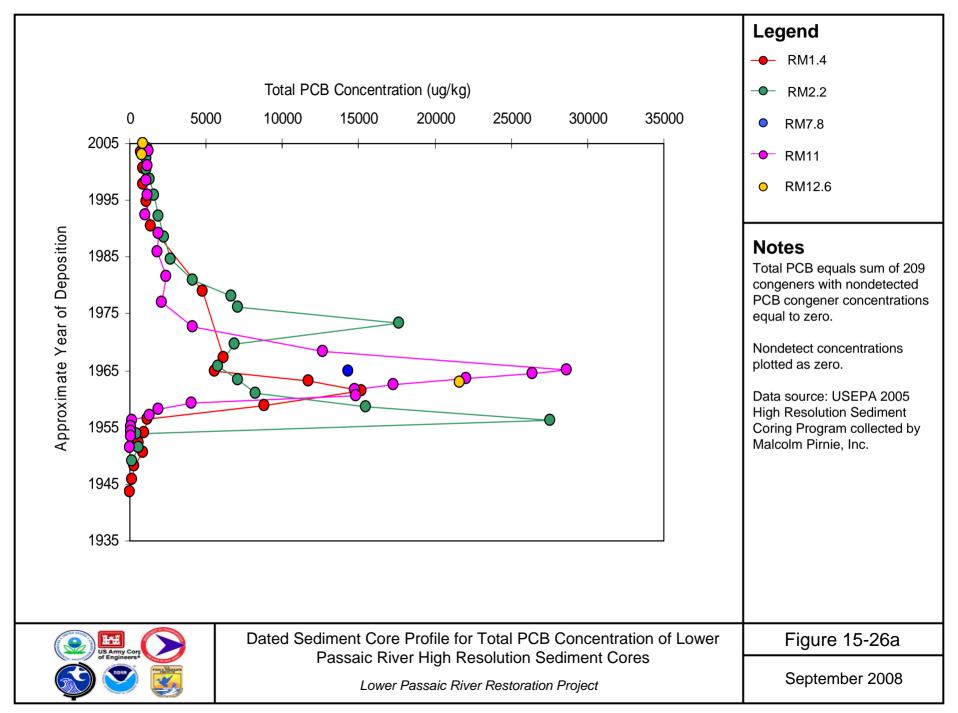
The first principal component accounts for 54% of the variance; the second principal component accounts for 16% of the variance.

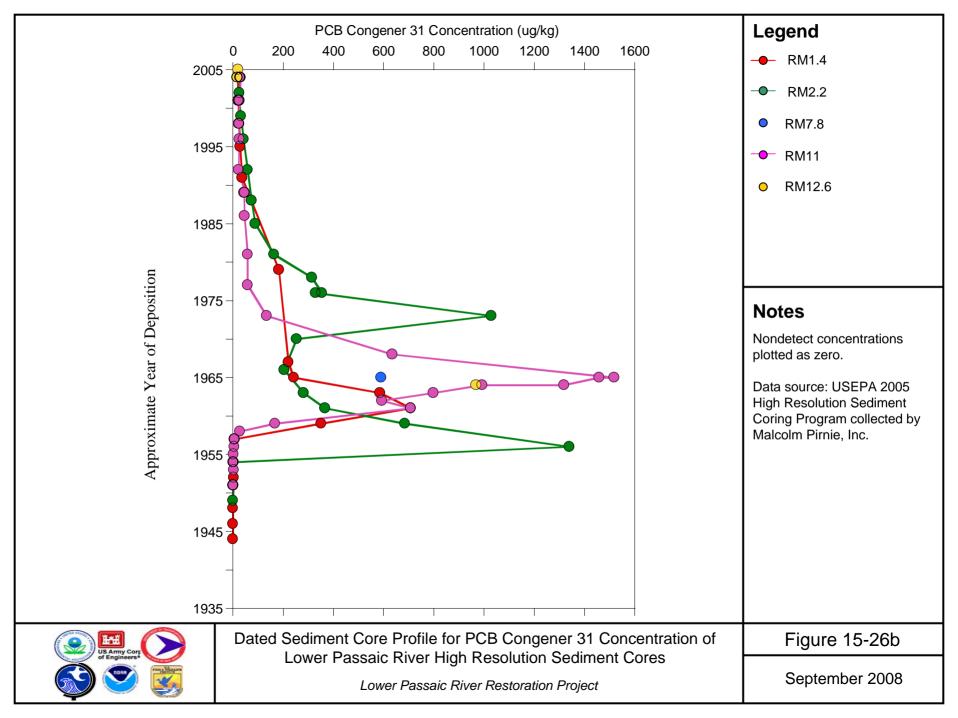


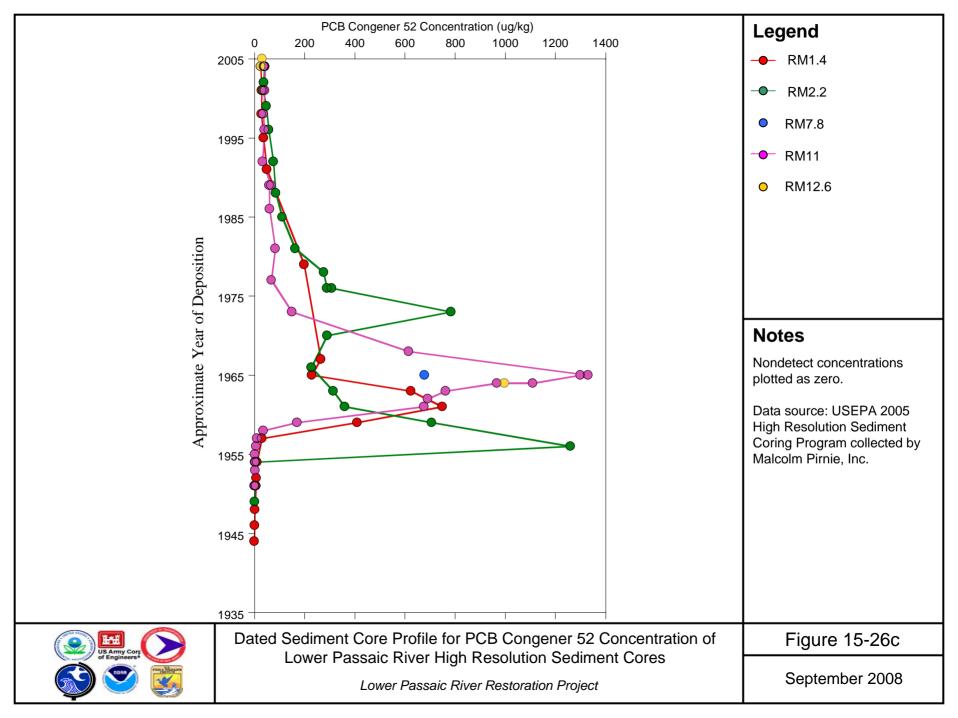
First and Second Principal Components for High Resolution **Core Samples**

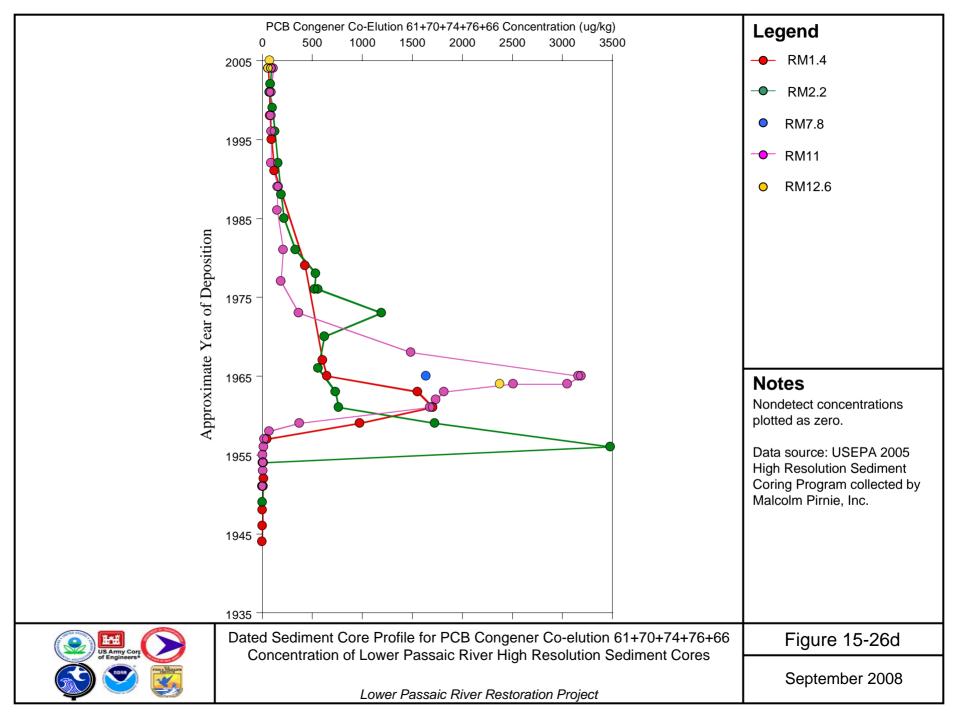
Lower Passaic River Restoration Project

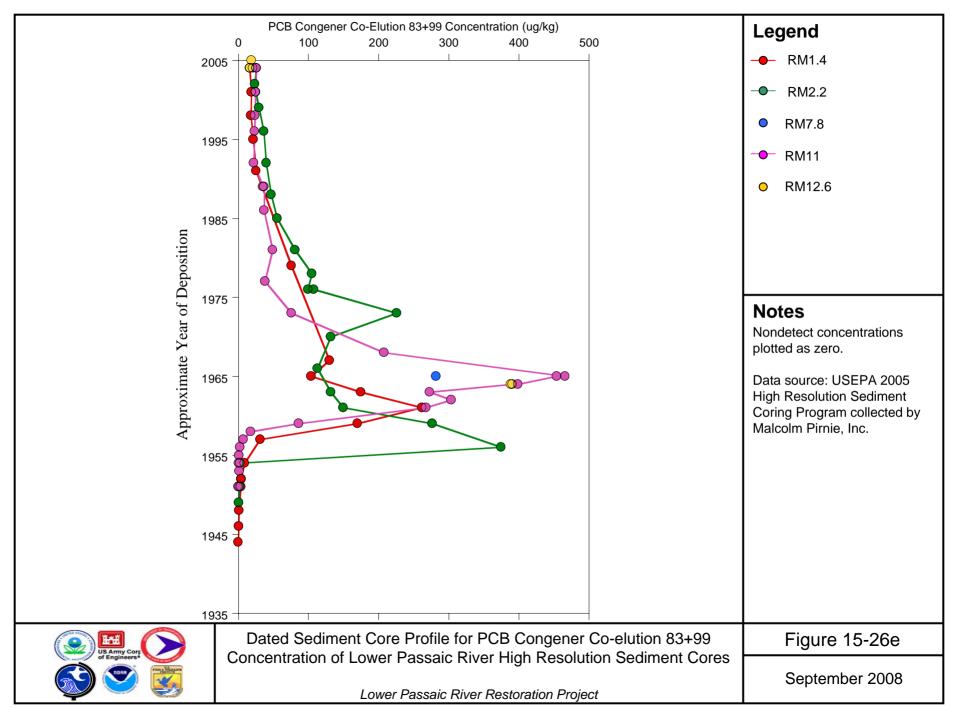
Figure 15-25

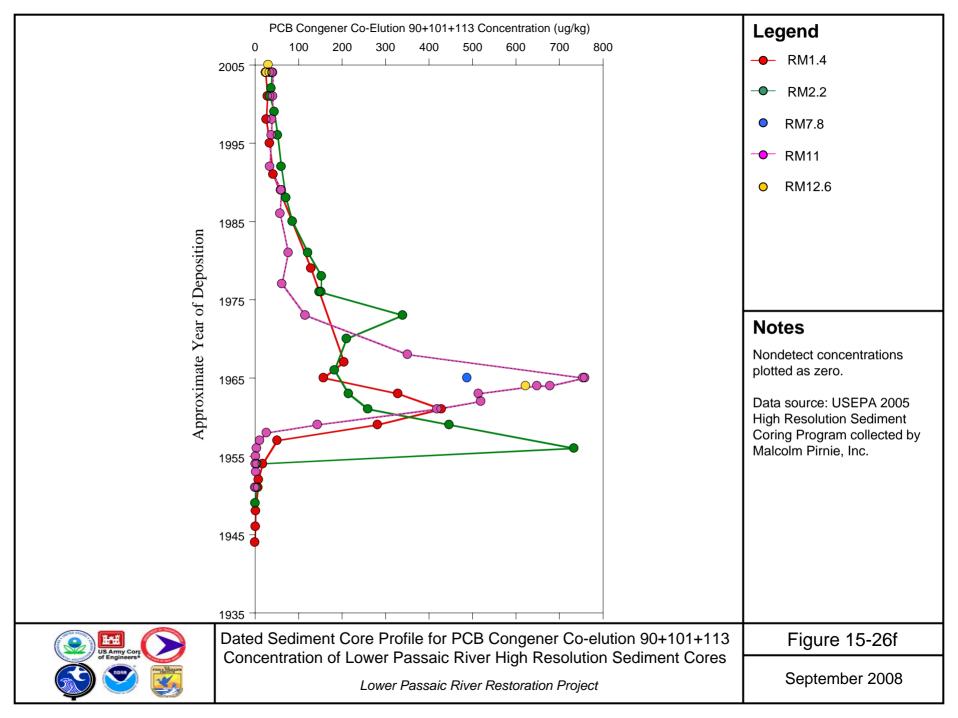


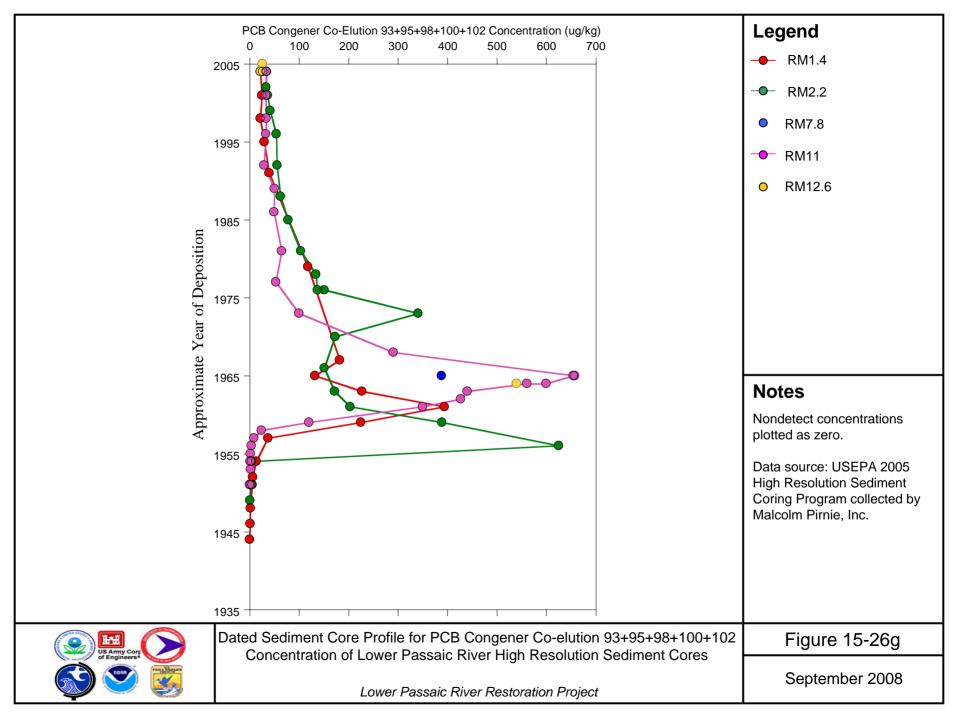


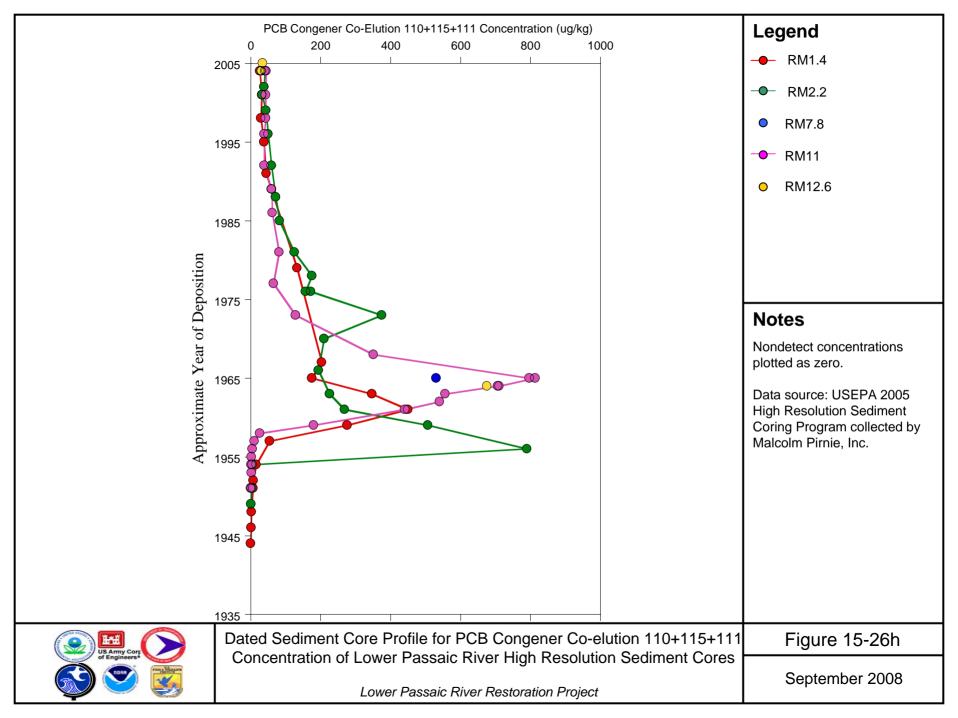


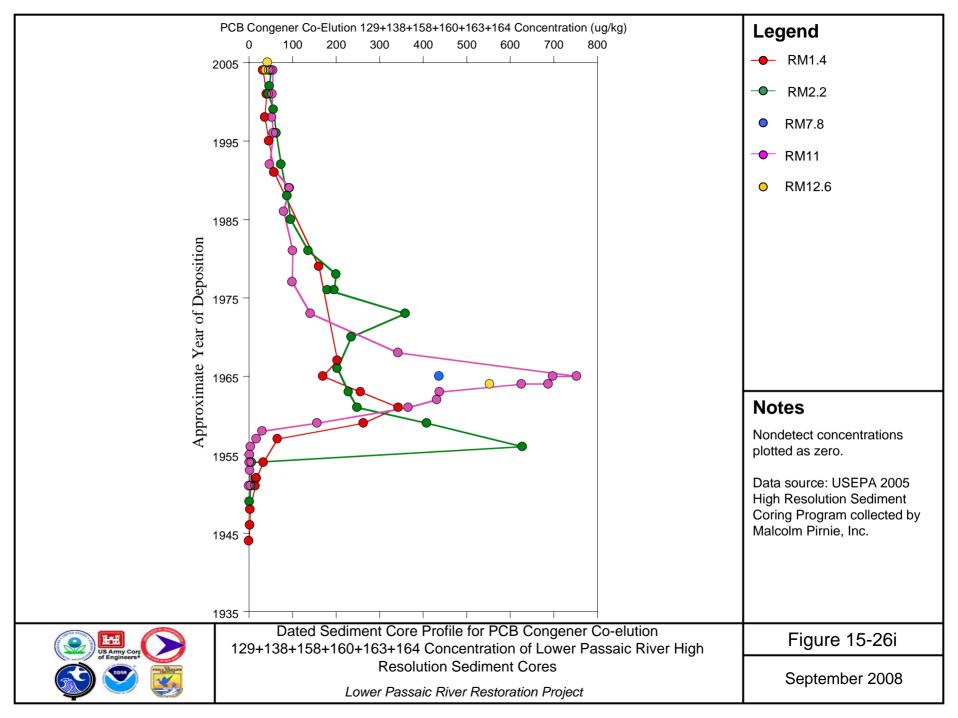


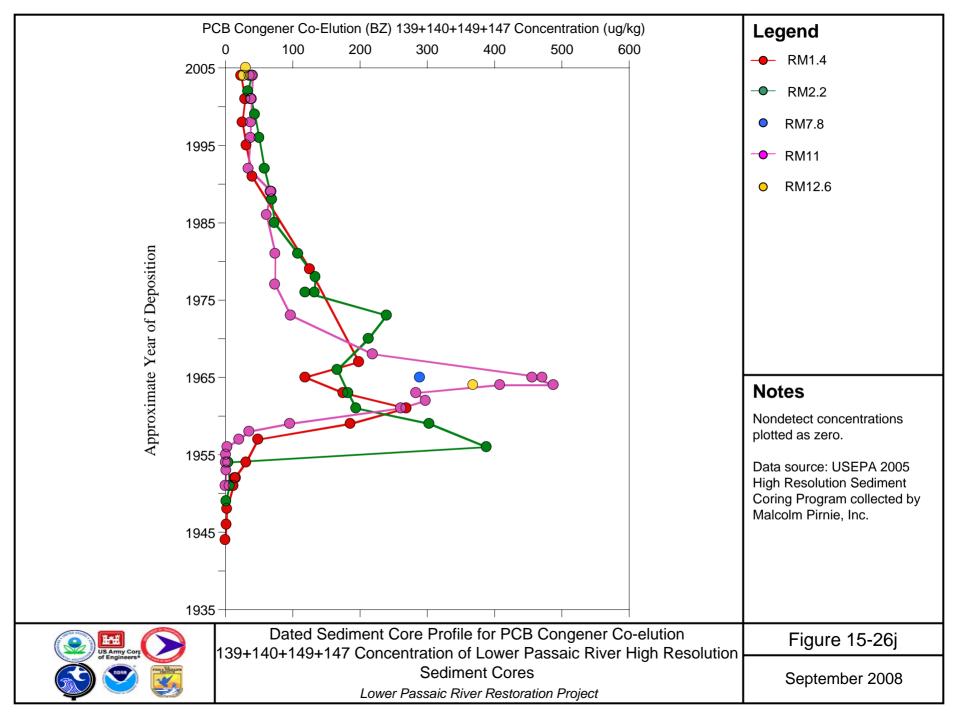


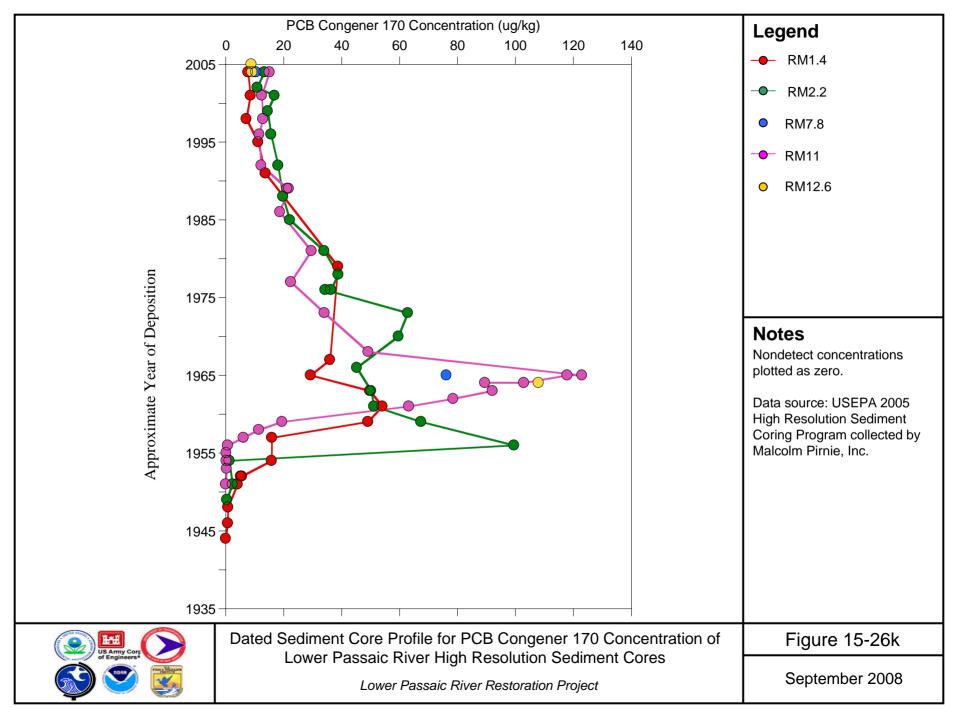


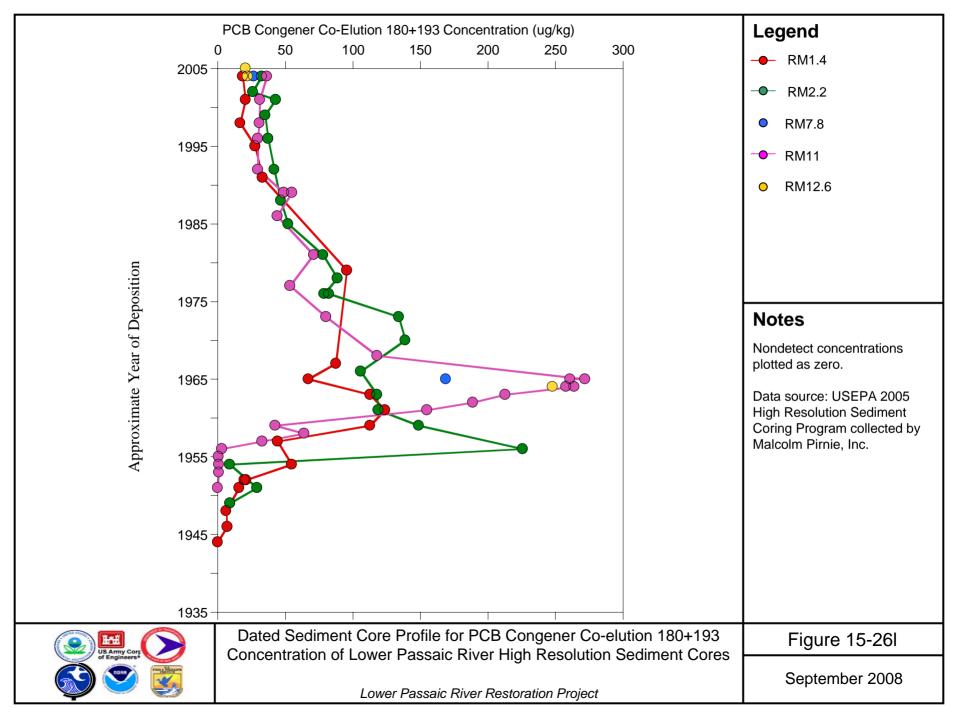


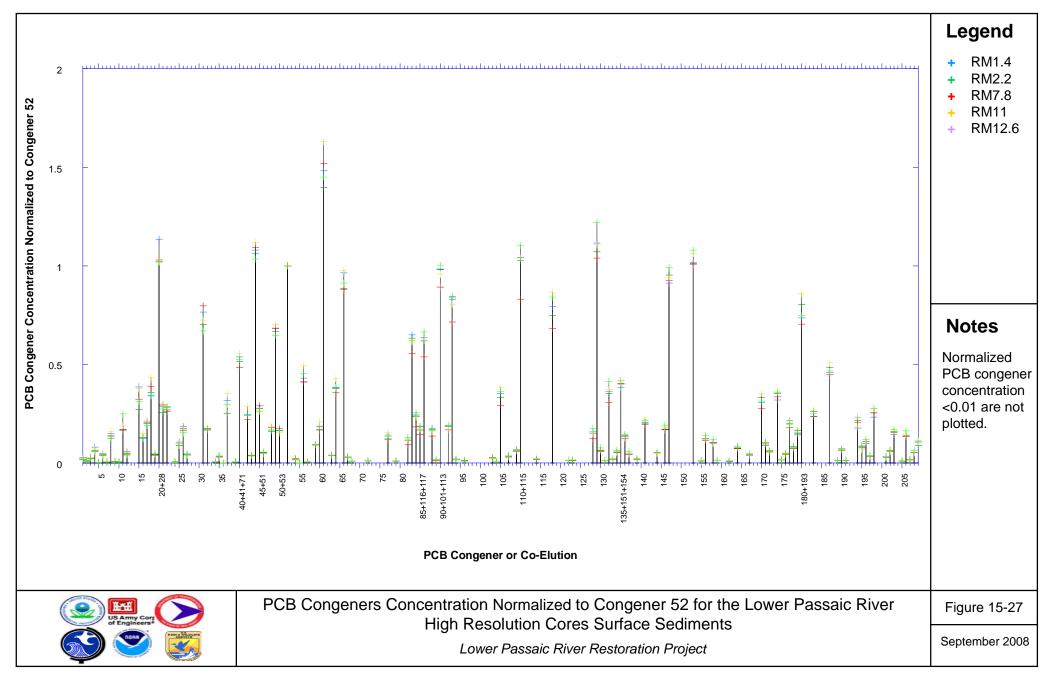












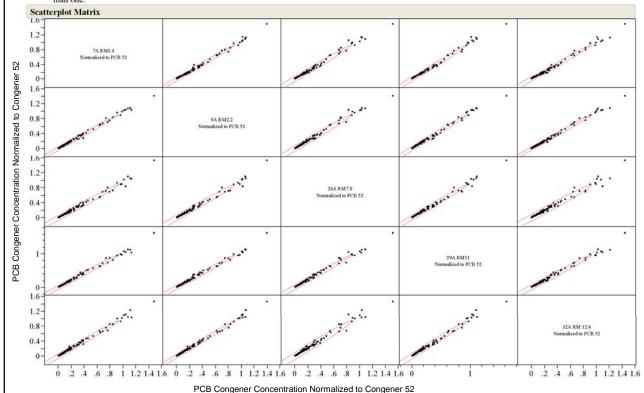
3/22/2007 8:50AM

Multivariate LPR High Res Core Tops All Data

Correlations

7A RM1.4 Normalized to PCB 529A RM2.2 Normalized to PCB 5226A RM7.8 Normalized to PCB 5229A RM11 Normalized to PCB 5232A RM 12.6 Normalized to PCB 52 7A RM1.4 Normalized to PCB 52 1.0000 0.9975 0.9950 0.9965 0.9963 9A RM2.2 Normalized to PCB 52 0.9975 1.0000 0.9940 0.9963 0.9974 0.9950 26A RM7.8 Normalized to PCB 52 0.9940 1.0000 0.9953 0.9908 29A RM11 Normalized to PCB 52 0.9965 0.9963 0.9953 1.0000 0.9951 0.9963 0.9974 0.9908 0.9951 32A RM 12.6 Normalized to PCB 52 1.0000

24 rows not used due to missing or excluded values or frequency or weight variables missing, negative or less than one.



Legend

PCB Congeners

 Concentration Normalized to Congener 52

Notes

Identification numbers 7A, 9A, 26A, 29A, and 32A correspond to field location numbers of 2005 USEPA High Resolution Sediment Cores.

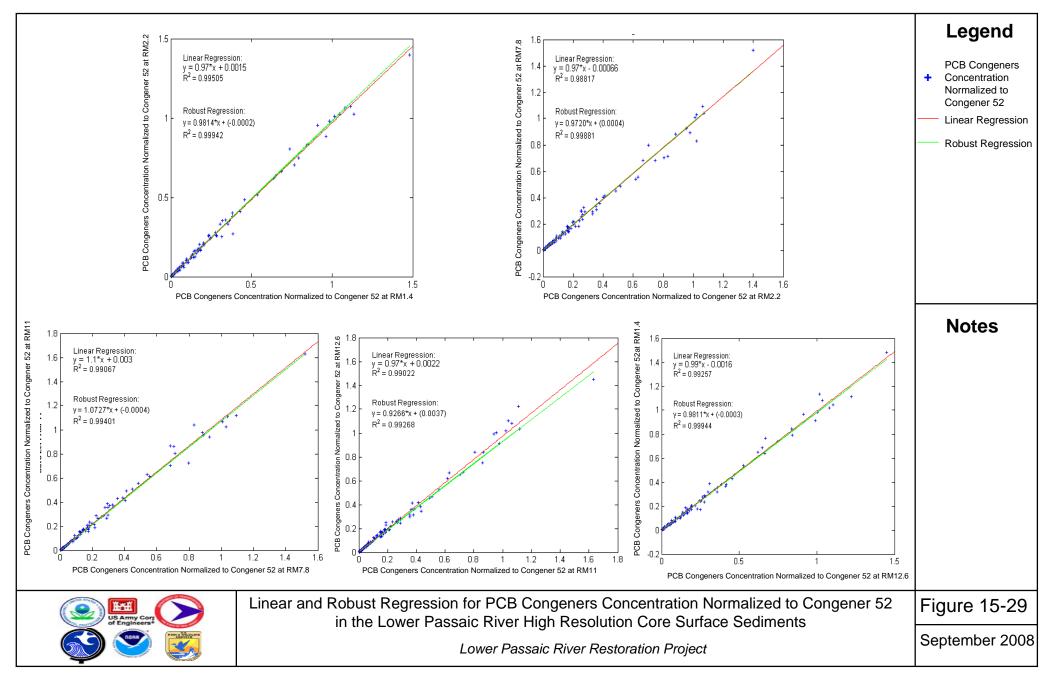
Data Source: USEPA 2005 High Resolution Sediment Coring Program collected by Malcolm Pirnie, Inc.

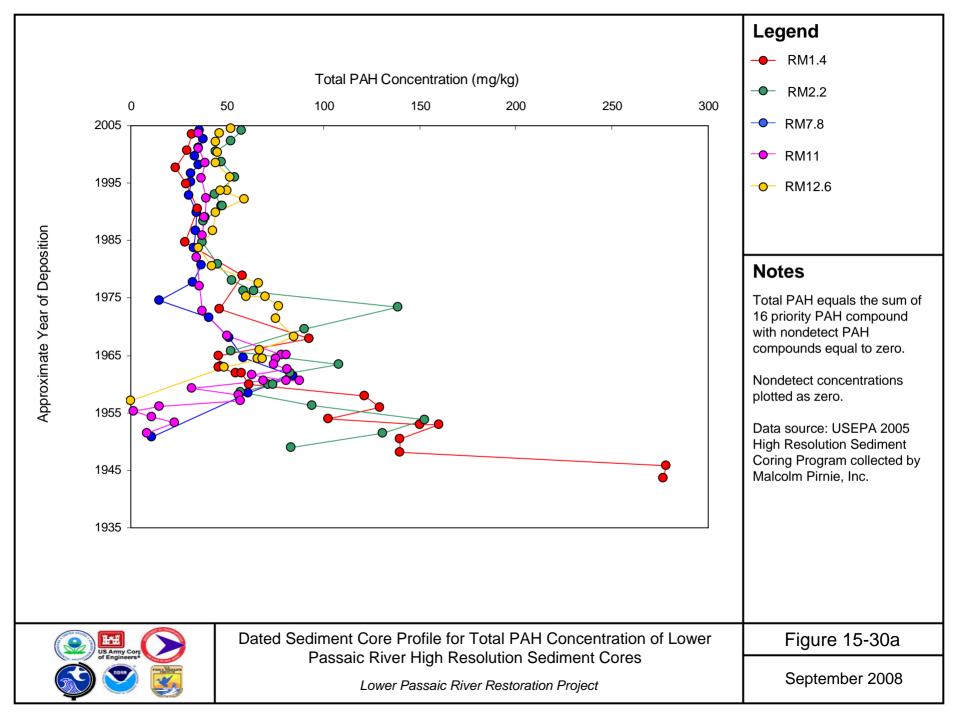


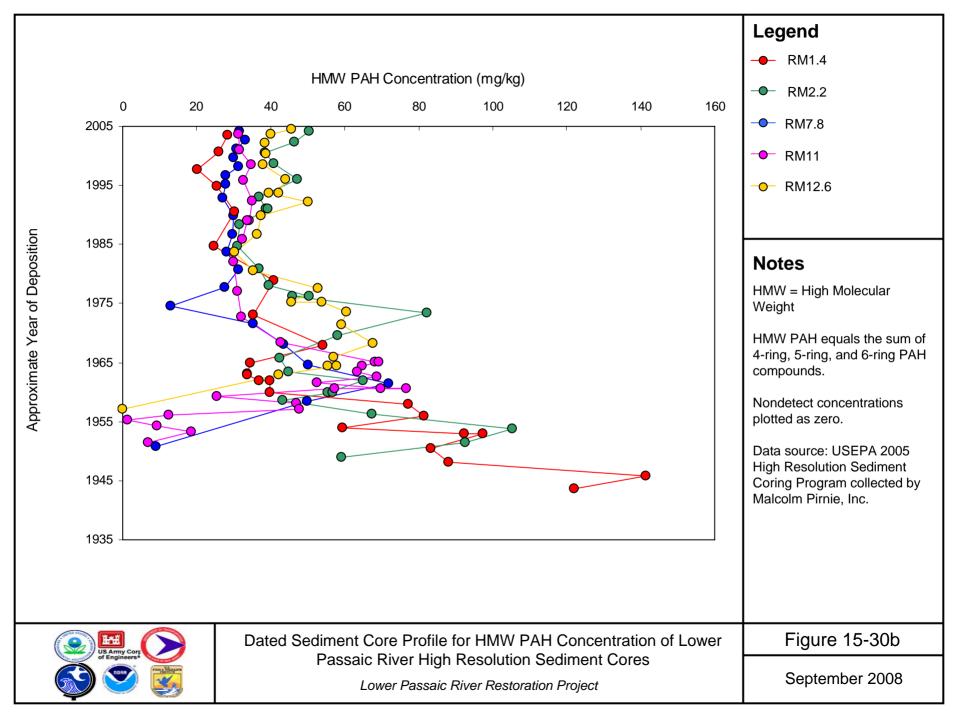
Correlation Among Sampling Locations for PCB Congeners of the Lower Passaic River
High Resolution Cores Surface Sediments

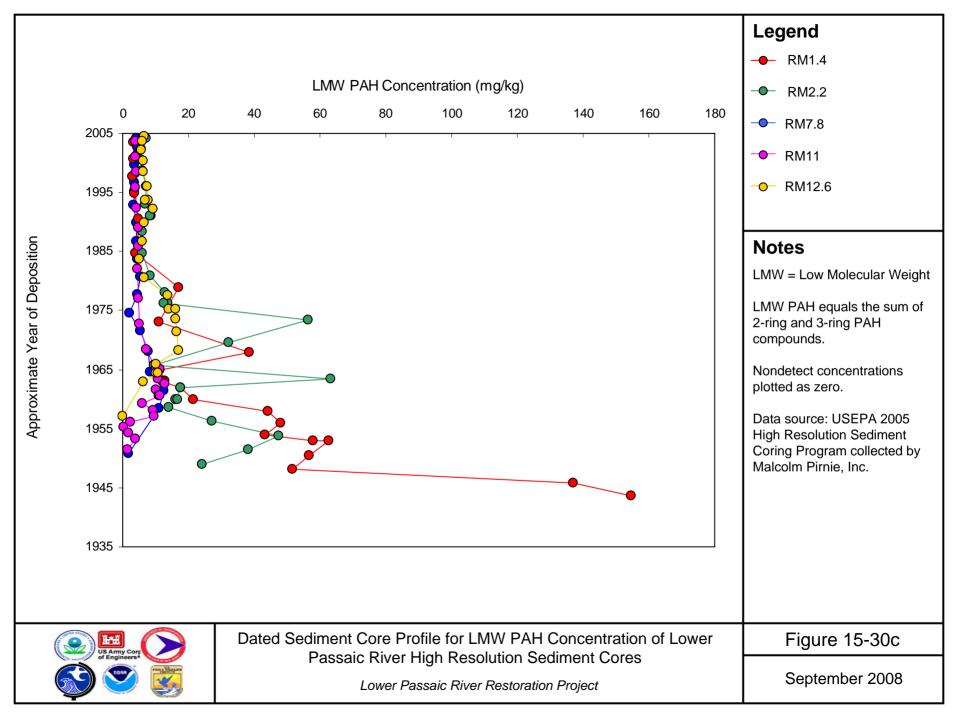
Lower Passaic River Restoration Project

Figure 15-28





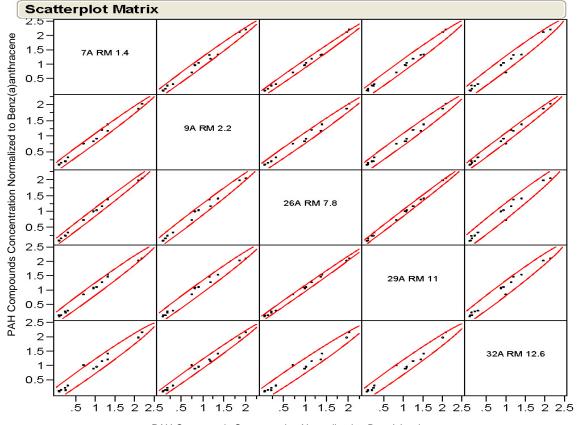




Multivariate Passaic PAHs Normalized to BaA

Correlations

7A RM 1.4 9A RM 2.226A RM 7.829A RM 1132A RM 12.6 7A RM 1.4 1.0000 0.9945 0.9965 0.9917 0.9879 9A RM 2.2 0.9945 1.0000 0.9936 0.9920 0.9950 0.9965 1.0000 26A RM 7.8 0.9936 0.9979 0.9871 0.9917 29A RM 11 0.9920 0.9979 1.0000 0.9876 32A RM 12.6 0.9879 0.9950 0.9871 0.9876 1.0000



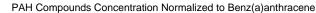


PAH Compounds
 Concentration
 Normalized to
 Benz(a)anthracene

Notes

Identification numbers 7A, 9A, 26A, 29A, and 32A correspond to river mile location as indicated in the figure.

Data Source: USEPA 2005 High Resolution Sediment Coring Program collected by Malcolm Pirnie, Inc.



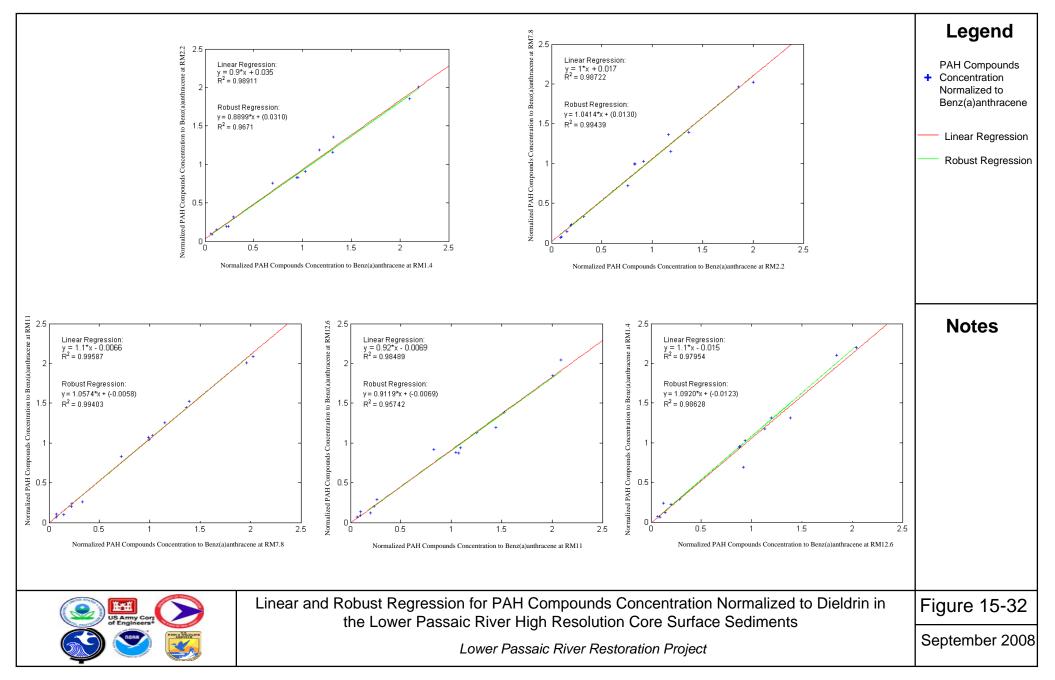


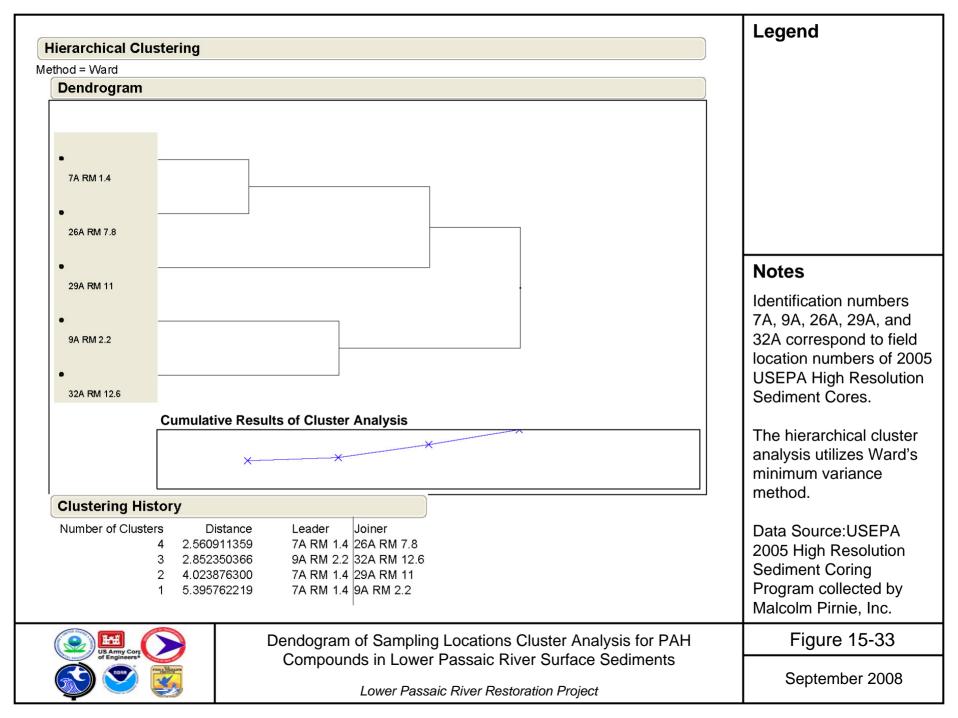
Correlation Among Sampling Locations for PAH Compounds Normalized to Benz(a)anthrazene for the Lower Passaic River High Resolution Cores Surface Sediments

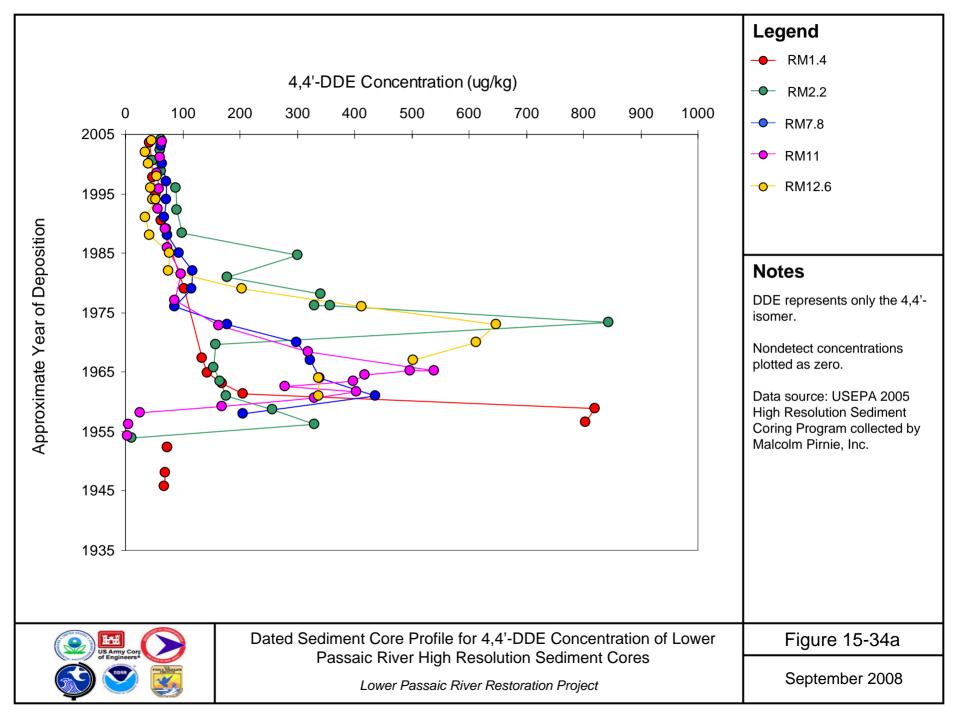
Lower Passaic River Restoration Project

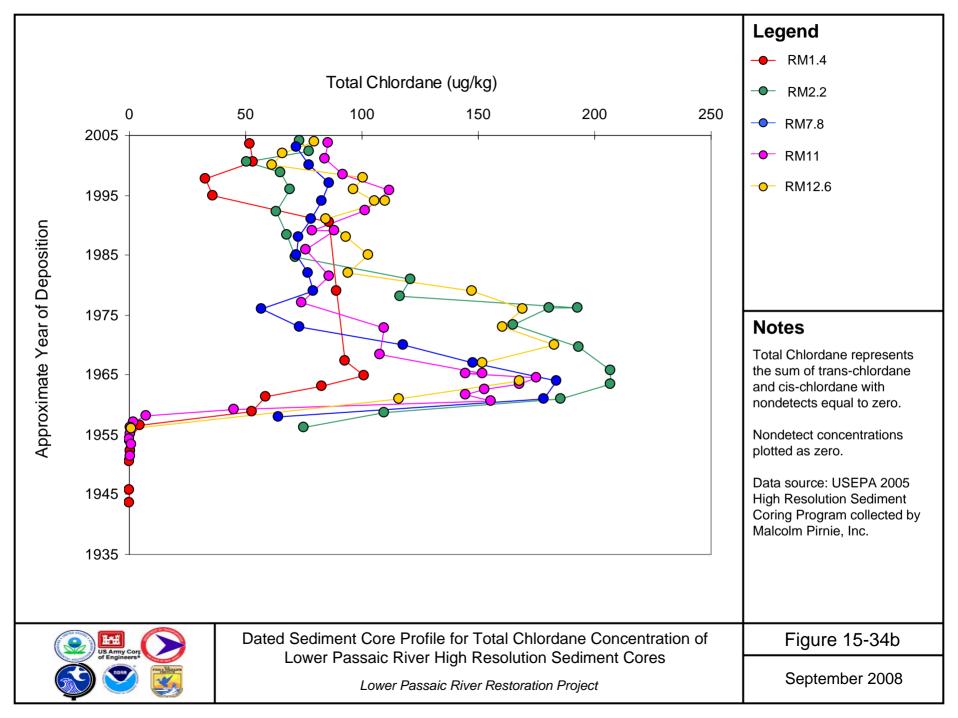
Figure 15-31

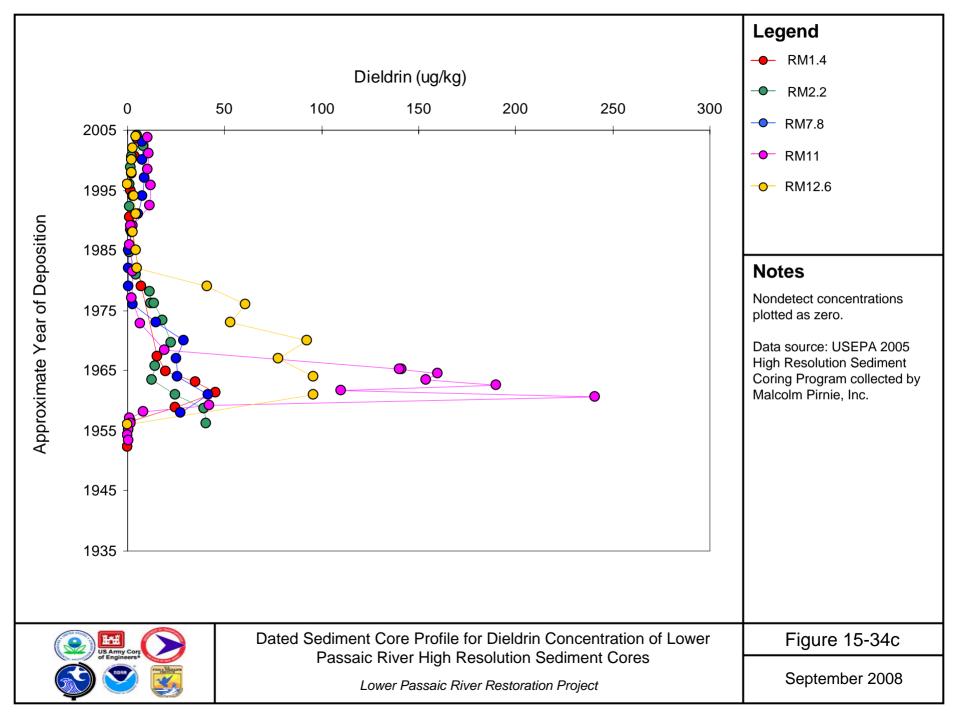
September 2008







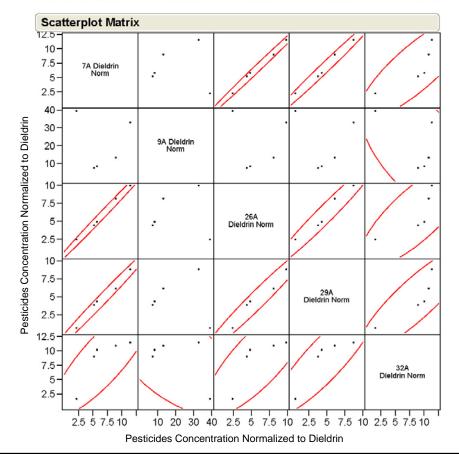




Multivariate

Correlations

7A Dieldrin Norm 9A Dieldrin Norm 26A Dieldrin Norm 29A Dieldrin Norm 32A Dieldrin Norm 7A Dieldrin Norm 1.0000 -0.0474 0.9959 0.9915 0.8338 -0.04741.0000 0.0013 -0.1104 -0.57349A Dieldrin Norm 26A Dieldrin Norm 0.9959 0.0013 1.0000 0.9757 0.7952 -0.11040.9757 0.8745 29A Dieldrin Norm 0.9915 1.0000 32A Dieldrin Norm 0.8338 -0.57340.7952 0.8745 1.0000





Pesticides Concentration
 Normalized to Dieldrin

Notes

Identification numbers 7A, 9A, 26A, 29A, and 32A correspond to field location numbers of 2005 USEPA High Resolution Sediment Cores.

Data Source: USEPA 2005 High Resolution Sediment Coring Program collected by Malcolm Pirnie, Inc.



Correlation Among Sampling Locations for Pesticides Compounds Normalized to Dieldrin for the Lower Passaic River High Resolution Cores Surface Sediments

Lower Passaic River Restoration Project

Figure 15-35

September 2008

